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While the information in this publication is believed to be accurate and reliable, all data presented is subject to change without notice. Winchester/Retconn disclaims responsibility for any damages resulting from application or any incompleteness or inaccuracies in the information presented. Consult factory for specific information on the latest design specifications.

OVERVIEW • RDM Product Line

SERIES	DESCRIPTION	CENTER CONTACT	OUTER BODY	TYPICAL VIEW
14	75 Ohm crimp similar to the 24 Series. Specifically designed for an AMP housing.	Plug: Female Socket Receptacle: .040 Dia. Male Pin	Plug: Male Receptacle: Female	
20	Standard Series; solder / crimp and solder / solder types. Rated to 900 MHz.	Plug: Female Socket Receptacle: .040 Dia. Male Pin.	Plug: Male Receptacle: Female	
21	Similar to the 20 Series, thru 50 Ohm. Popular with cellu- lar manufacturers. Rated to 2 GHz.	Plug: Female Socket Receptacle: .030 Dia. Male pin	Plug: Male Receptacle: Female	
22	High Power Contacts solder, crimp, and P.C. pin type.	NONE NONE	Plug: Male Receptacle: Female	
23	High Voltage Contacts, teflon bodies.	Plug: Female Socket Receptacle: .040 Dia. Male Pin	Plug: Male Receptacle: Female	
24	75 Ohm crimp / crimp popular with computer work station manufacturers.	Plug: Female Socket Receptacle: .040 Dia. Male Pin	Plug: Male Receptacle: Female	
26	Standard series, crimp / crimp for flexible cable, solder / solder for semi-rigid cable. Rated to 1500 MHz.	Plug: Female Socket Receptacle: .040 Dia. Male Pin	Plug: Male Receptacle: Female	
27	Similar to the 20 Series, except 75 Ohm impedance. Popular with CATV / Video applications.	Plug: Female Socket Receptacle: .040 Dia. Male Pin	Plug: Male Receptacle: Female	
28	Similar to the 20 Series, except, fits into a DIN Housing. DIN 41612.	Plug: Female Socket Receptacle: .040 Dia. Male Pin	Plug: Male Receptacle: Female	
29	Thru-50 crimp / crimp (cellu- lar mftr.) crimp / crimp for flexible cable solder / sol- der, for semi-rigid cables.	Plug: Female Socket Receptacle: .030 Dia. Male Pin	Plug: Male Receptacle: Female	
30	DIN Coax Contacts for DIN Housings. 50 Ohm meet DIN Specifications.	Plug: Female Socket Receptacle: .020 Dia. Male Pin	Plug: Male Receptacle: Female	

OVERVIEW • RDM Product Line SERIES DESCRIPTION CENTER OUTER TYPICAL VIEW **BODY** CONTACT Plug: Female Blind Mate Contact, fits in Plug: Male Socket standard housing. Rated Receptacle: .040 to 5 GHz. Mates with PkZ. Receptacle: Female Dia. Male Pin **High Power Contacts,** NONE Plug: Male **32** solder and crimp types for DIN housings. Similar NONE Receptacle: Female to 22 Series. Plug: Female Plug: Male Similar to 30 Series, socket except 75 Ohms. Receptacle: .015 Receptacle: Female Dia. Male Pin Plug: Female Plug: Male Similar to 31 Series fits in Socket DIN housing. Receptacle: .040

Dia. Male Pin

Receptacle: Female

31 SERIES: Specifications & Interface Dimensions

MECHANICAL:

Materials:

Bodies, Plugs: Brass per ASTM B16, 1/2 HD

Bodies, Receptacles: Beryllium Copper per ASTM B196 Female Contacts: Beryllium Copper per ASTM B196

Male Contacts: Brass per ASTM B16, 1/2 HD

Insulators: Teflon per ASTM D1710
Crimp Ferrule: Annealed Copper Alloy
Clip Ring: Beryllium Copper per ASTM B194

Finish:

Body: Gold Plated per MIL-G-45204

Center Contact: Gold Plated per MIL-G-45204 Clip Ring: Nickel Plated per QQ-N-290

MATING CHARACTERISTICS:

Receptacles, Outer Contact:

3 lbs. Maximum Insertion on a .1530 +.0001/-.0000 Dia. Pin and a 4 oz. Minimum Withdrawl on a .1500 +.0000/-.0001 Dia. Pin

Plugs, Center Contact:

16 oz. Maximum Insertion on a .0410 +.0001/-.0000 Dia. Pin and a .5 oz. Minimum Withdrawl on a .0390 +.0000/-.0001 Dia. Pin

Retention in Shell: 15 lbs. Minimum

ELECTRICAL:

Impedance: 50 Ohms Nominal Frequency Range: 0 to 5.0 GHz

Insulation Resistance: 5000 Megaohms Minimum

Contact Resistance: (Milliohms maximum)

Center Contact: 5.0
Outer Contact: 3.0

Voltage Standing Wave Ratio: 0 to 5.0 GHz

Straight Connector: 1.15 +.02F GHz on RG-316 Cable Straight Connector: 1.15 +.01F GHz on .141 Dia. Semi-Rigid

Cable

ENVIRONMENTAL:

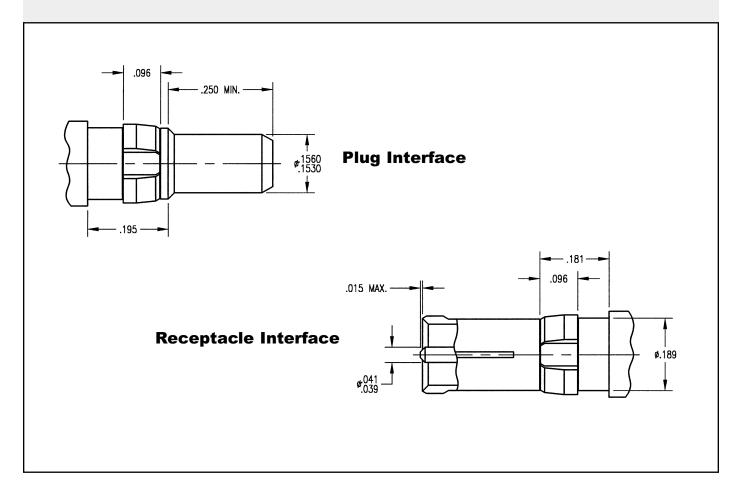
Operating Temperature: -55°C to +125°C

Vibration: MIL-STD-202, Method 204, Test Condition D Shock: MIL-STD-202, Method 213, Test Condition I

Corrosion Resistance: MIL-STD-202, Method 101, Condition B

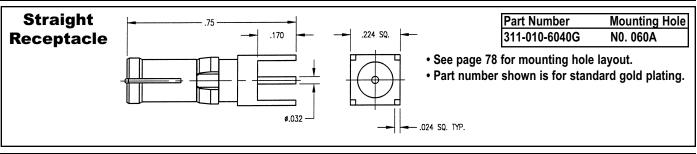
GENERAL INFORMATION:

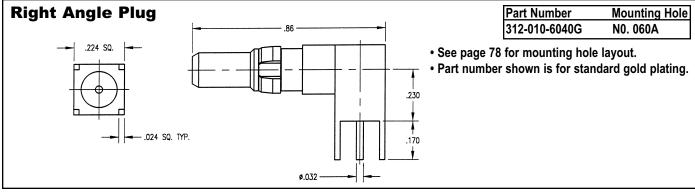
31 Series Coaxial Contacts fit all D-Subminiature Connectors and are interchangeable with other manufacturer's product. Available in crimp or solder cable terminations.

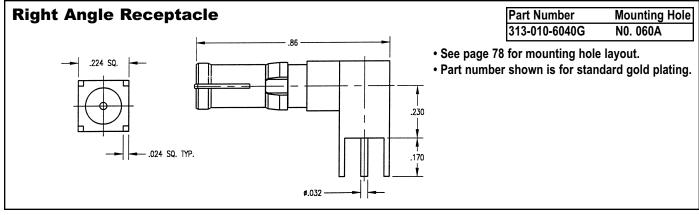


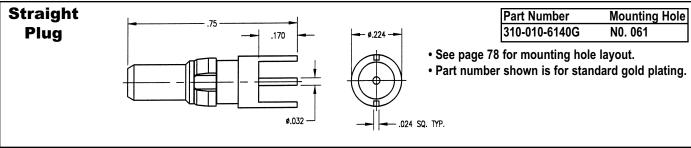
RDM 31 SERIES: Printed Circuit Board Contacts

Straight Plug Part Number Mounting Hole 310-010-6040G N0. 060A See page 78 for mounting hole layout. Part number shown is for standard gold plating.





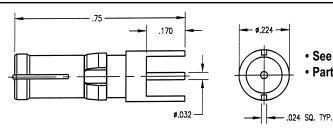




Dimensions shown are in inches.

RDM 31 SERIES: Printed Circuit Board Contacts

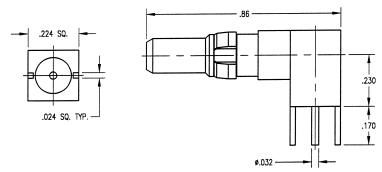
Straight Receptacle



Part Number	Mounting Hole
311-010-6140G	N0. 061

- See page 78 for mounting hole layout.
- Part number shown is for standard gold plating.

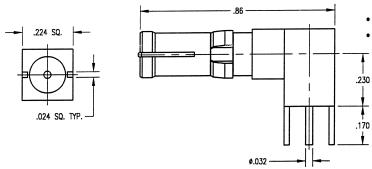
Right Angle Plug



Part Number	Mounting Hole
312-010-6140G	N0. 061

- See page 78 for mounting hole layout.
- Part number shown is for standard gold plating.

Right Angle Receptacle

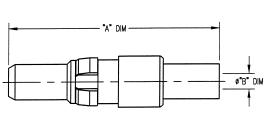


Part Number Mounting Hole 313-010-6140G N0. 061

- See page 78 for mounting hole layout.
- Part number shown is for standard gold plating.

RDM 31 SERIES: Crimp / Crimp, Flexible Cable

Straight Plug

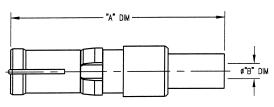


Part Number	Cable	"A" DIM	"B" DIM
310-910-0630G	RG- 316, 188	.93	.067
310-910-0631G	RG- 316 DS	.93	.067
310-910-1160G	RG- 141, 58	1.09	.120
310-910-1161G	RG- 142, 223	1.09	.120

- See page 87 for cable assembly procedures: CAP 9-07
- Part number shown is for standard gold plating.

RDM 31 SERIES: Crimp / Crimp, Flexible Cable

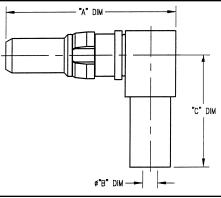
Straight Receptacle



Part Number	Cable	"A" DIM	"B" DIM
311-910-0630G	RG- 316, 188	.89	.067
311-910-0631G	RG- 316 DS	.89	.067
311-910-1160G	RG- 141, 58	1.05	.120
311-910-1161G	RG- 142, 223	1.05	.120

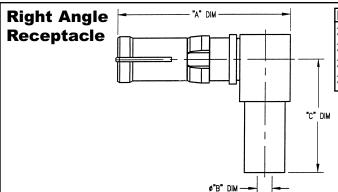
- See page 87 for cable assembly procedures: CAP 9-07
- · Part number shown is for standard gold plating.

Right Angle Plug



Part Number	Cable	"A" DIM	"B" DIM	"C" DIM
312-910-0630G	RG- 316, 188	.75	.067	.50
312-910-0631G	RG- 316 DS	.75	.067	.50
312-910-1160G	RG- 141, 58	.75	.120	.60
312-910-1161G	RG- 142, 223	.75	.120	.60

- See page 88 for cable assembly procedures: CAP 9-16
- Part number shown is for standard gold plating.

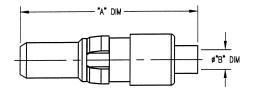


Part Number	Cable	"A" DIM	"B" DIM	"C" DIM
313-910-0630G	RG- 316, 188	.77	.067	.50
313-910-0631G	RG- 316 DS	.77	.067	.50
313-910-1160G	RG- 141, 58	.77	.120	.60
313-910-1161G	RG-142, 223	.77	.120	.60

- See page 88 for cable assembly procedures: CAP 9-16
- Part number shown is for standard gold plating.

RDM 31 SERIES: Solder / Solder, Semi-Rigid Cable

Straight Plug



F	Part Number	Cable	"A" DIM	"B" DIM
3	310-510-0850G	RG- 405 (.085 SR)	.79	.090
3	310-510-1410G	RG- 402 (.141 SR)	.79	.148

- See page 83 for cable assembly procedures: CAP 5-15
- Part number shown is for standard gold plating.

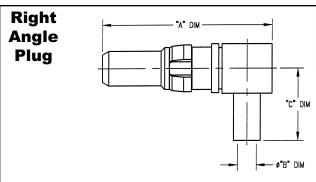
Straight	"A" DIM
Receptacle	ø"B" DIM

Part Number	Cable	"A" DIM	"B" DIM
311-510-0850G	RG- 405 (.085 SR)	.75	.090
311-510-1410G	RG- 402 (.141 SR)	.75	.148

- See page 83 for cable assembly procedures: CAP 5-15
- Part number shown is for standard gold plating.

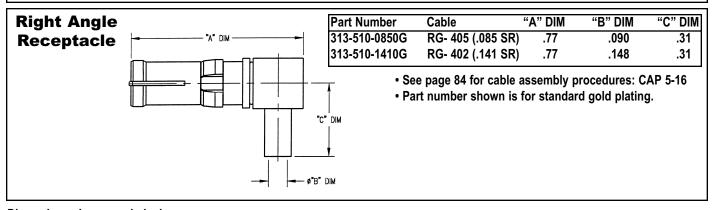
Dimensions shown are in inches.

RDM 31 SERIES: Solder / Solder, Semi-Rigid Cable



Part Number	Cable	"A" DIM	"B" DIM	"C" DIM
312-510-0850G	RG- 405 (.085 SR)	.75	.090	.31
312-510-1410G	RG- 402 (.141 SR)	.75	.148	.31

- See page 84 for cable assembly procedure: CAP 5-16
- Part number shown is for standard gold plating.



RDM: Specifications & Interface Dimensions

MECHANICAL:

Materials:

Bodies, Plugs: Brass per ASTM B16, 1/2 HD

Bodies, Receptacles: Beryllium Copper per ASTM B196 Female Contacts: Beryllium Copper per ASTM B196

Male Contacts: Brass per ASTM B16, 1/2 HD

Insulators: Teflon per ASTM D1710
Crimp Ferrule: Annealed Copper Alloy
Clip Ring: Phosphor Bronze per ASTM B103

Finish:

Body: Gold Plated per MIL-G-45204

Center Contact: Gold Plated per MIL-G-45204 Clip Ring: Nickel Plated per QQ-N-290

MATING CHARACTERISTICS:

Receptacles, Outer Contact:

3 lbs. Maximum Insertion on a .1530 + .0001 / - .0000 Dia. Pin and a 4 oz. Minimum Withdrawl on a .1500 + .0000 / - .0001 Dia. Pin

Plugs, Center Contact: 16 oz. Maximum Insertion on a .0410 + .0001 /- .0000 Dia. Pin and .5 oz. Minimum Withdrawl on a .0390 + .0000 / - .0001 Dia. Pin

Retention in Shell:

Plugs and Receptacles: 15 lbs. Minimum

ELECTRICAL:

Impedance: 50 Ohms Nominal Frequency Range: 0 to 900 MHz

Insulation Resistance: 1000 Megaohms Minimum Contact Resistance: (Milliohms Maximum)

Center Contact: 5.0
Outer Contact: 3.0

ENVIRONMENTAL:

Operating Temperature: -55°C to +125°C

Vibration: MIL-STD-202, Method 204, Test Condition D Shock: MIL-STD-202, Method 213, Test Condition I

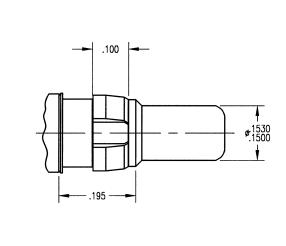
Corrosion Resistance: MIL-STD-202, Method 101, Condition B

GENERAL INFORMATION:

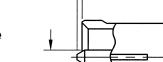
RDM Coaxial Contacts fit all D-Subminiature Connectors and are available in crimp or solder cable terminations.

.100

ø.189



Plug Interface



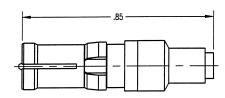
.024 MAX.

Receptacle Interface

Dimensions shown are in inches.

RDM: Solder / Solder, Semi-Rigid Cable

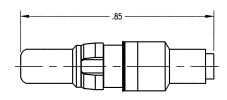
Straight Receptacle



Part Number	Cable
201-510-0470G	.047 SR
201-510-0850G	.085 SR
Part Number 201-510-0470G 201-510-0850G 201-510-1410G	.141 SR

- See page 81 for cable assembly procedures: CAP 5-09
- Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

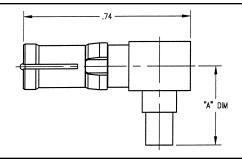
Straight Plug



Part Number	Cable
200-510-0470G	.047 SR
200-510-0850G	.085 SR
200-510-0470G 200-510-0850G 200-510-1410G	.141 SR

- See page 81 for cable assembly procedures: CAP 5-09
- Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

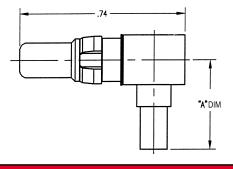
Right Angle Receptacle



Part Number	Cable	"A"DIM
203-510-0470G	.047 SR	.29
203-510-0850G	.085 SR	.35
203-510-1410G	.141 SR	.35

- See page 82 for cable assembly procedures: CAP 5-10
- · Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

Right Angle Plug

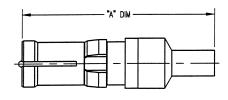


Part Number	Cable	"A"DIM
202-510-0470G	.047 SR	.29
202-510-0850G	.085 SR	.35
202-510-0470G 202-510-0850G 202-510-1410G	.141 SR	.35

- See page 82 for cable assembly procedures: CAP 5-10
- · Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

RDM: Solder / Solder, Flexible Cable

Straight Receptacle



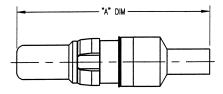
Pa	rt Number	Cable	"A" DIM
20	1-510-0360G	RG- 178, 196	.93
20	1-510-0630G	RG- 316, 188	.93
20	1-510-1070G	RG- 180, 195	1.03
20	1-510-1160G	RG- 141, 58	1.03
20	1-510-1161G	RG- 142, 223	1.03
20 ⁻	1-510-1070G 1-510-1160G	RG- 180, 195 RG- 141, 58	1.03 1.03

- See page 79 for cable assembly procedures: CAP 5-07
- Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

Dimensions shown are in inches.

RDM: Solder / Solder, Flexible Cable

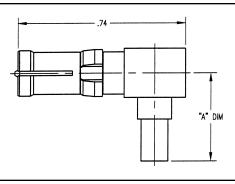
Straight Plug



Part Number	Cable	"A" DIM
200-510-0360G	RG- 178, 196	.93
200-510-0630G	RG- 316, 188	.93
200-510-1070G	RG- 180, 195	1.03
200-510-1160G	RG- 141, 58	1.03
200-510-1161G	RG- 142, 223	1.03

- See page 79 for cable assembly procedures: CAP 5-07
- Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

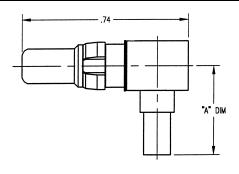
Right Angle Receptacle



Part Number	Cable	"A" DIM
203-510-0360G	RG- 178, 196	.49
203-510-0630G	RG- 316, 188	.49
203-510-1070G	RG- 180, 195	.49
203-510-1160G	RG- 141, 58	.49
203-510-1161G	RG- 142, 223	.49

- See page 80 for cable assembly procedures: CAP 5-08
- Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

Right Angle Plug

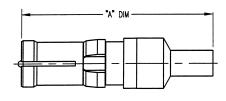


Part Number	Cable	"A" DIM
202-510-0360G	RG- 178, 196	.49
202-510-0630G	RG- 316, 188	.49
202-510-1070G	RG- 180, 195	.60
202-510-1160G	RG- 141, 58	.60
202-510-1161G	RG- 142, 223	.60

- See page 80 for cable assembly procedures: CAP 5-08
- Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

RDM: Solder / Crimp, Flexible Cable

Straight Receptacle

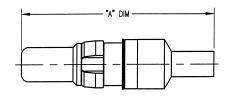


Part Number	Cable	"A" DIM
201-910-0360G	RG- 178, 196	.93
201-910-0630G	RG- 316, 188	.93
201-910-1070G	RG- 180, 195	1.03
201-910-1160G	RG- 141, 58	1.03
201-910-1161G	RG- 142, 223	1.03

- See page 85 for cable assembly procedures: CAP 9-01
- Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

RDM: Solder / Crimp, Flexible Cable

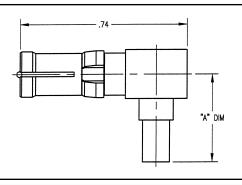
Straight Plug



Part Number	Cable	"A" DIM
200-910-0360G	RG- 178, 196	.93
200-910-0630G	RG- 316, 188	.93
200-910-1070G	RG- 180, 195	1.03
200-910-1160G	RG- 141, 58	1.03
200-910-1161G	RG- 142, 223	1.03

- See page 85 for cable assembly procedures: CAP 9-01
- Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

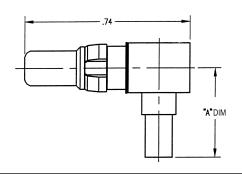
Right Angle Receptacle



Part Number	Cable	"A" DIM
203-910-0360G	RG- 178, 196	.49
203-910-0630G	RG- 316, 188	.49
203-910-1070G	RG- 180, 195	.60
203-910-1160G	RG- 141, 58	.60
203-910-1161G	RG- 142, 223	.60

- See page 86 for cable assembly procedures: CAP 9-02
- · Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

Right Angle Plug

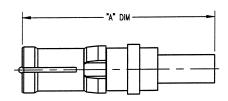


Part Number	Cable	"A" DIM
202-910-0360G	RG- 178, 196	.49
202-910-0630G	RG- 316, 188	.49
202-910-1070G	RG- 180, 195	.60
202-910-1160G	RG- 141, 58	.60
202-910-1161G	RG- 142, 223	.60

- See page 86 for cable assembly procedures: CAP 9-02
- Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

RDM: Crimp / Crimp, Flexible Cable

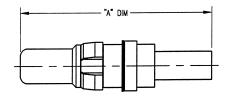
Straight Receptacle



Part Number	Cable	"A" DIM
261-910-0630G	RG- 316, 188	.84
261-910-1070G	RG- 180, 195	1.00
261-910-1160G	RG- 141, 58	1.00
261-910-1161G	RG- 142, 223	1.00

- See page 87 for cable assembly procedures: CAP 9-07
- Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

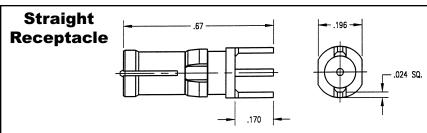
Straight Plug



Part Numbe		"A" DIM
260-910-063	30G RG- 316, 188	.86
260-910-107	'0G RG- 180, 195	1.01
260-910-116	60G RG- 141, 58	1.01
260-910-116		1.01

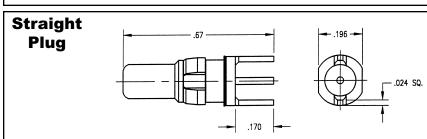
- See page 87 for cable assembly procedures: CAP 9-07
- Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

RDM: Printed Circuit Board Contacts



Part Number Mounting Hole 201-010-6140G NO. 061

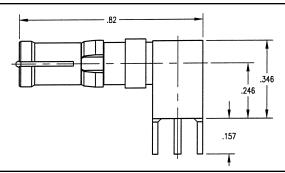
- See page 78 for mounting hole layout.
- .024 SQ. Part number shown is for standard gold plating.
 - For military finish change suffix to "H".
 - For commercial finish change suffix to "C".



Part Number	Mounting Hole	
200-010-6140G	NO. 061	

- See page 78 for mounting hole layout.
- .024 SQ. Part number shown is for standard gold plating.
 - For military finish change suffix to "H".
 - For commercial finish change suffix to "C".

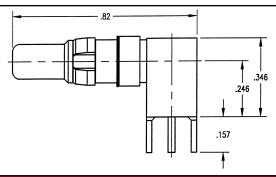




Part Number	Mounting Hole
203-010-6140G	NO. 061

- See page 78 for mounting hole layout.
- · Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

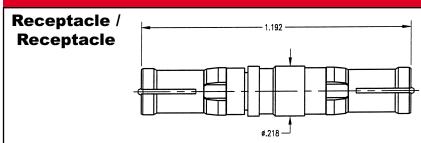
Right Angle Plug



Part Number	Mounting Hole
202-010-6140G	NO. 061

- See page 78 for mounting hole layout.
- Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

RDM: Same - Series Adapters

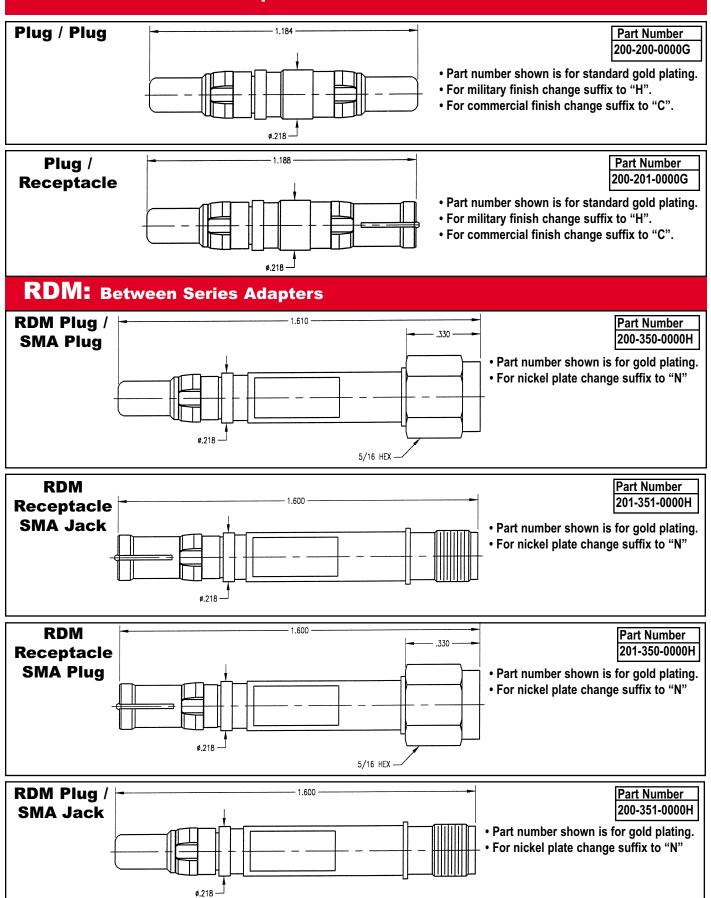


Part Number 201-201-0000G

- · Part number shown is for standard gold plating.
- For military finish change suffix to "H".
- For commercial finish change suffix to "C".

Dimensions shown are in inches.

RDM: Same - Series Adapters



Dimensions shown are in inches.

RDM - HF: Specifications & Interface Dimensions

MECHANICAL:

Materials:

Bodies, Plugs: Brass per ASTM B16, 1/2 HD

Bodies, Receptacles: Beryllium Copper per ASTM B196

Female Contacts: Beryllium Copper per ASTM B196

Male Contacts: Brass per ASTM B16, 1/2 HD Insulators: Teflon per ASTM D1710 Crimp Ferrule: Annealed Copper Alloy Clip Ring: Phosphor Bronze per ASTM B103

Finish:

Body: Gold Plated per MIL-G-4504

Center Contact: Gold Plated per MIL-G-45204 Clip Ring: Nickel Plated per QQ-N-290

MATING CHARACTERISTICS

Receptacles, Outer Contact:

3 lbs. Maximum Insertion on a .1530 +.0001 / - .0000 Dia. Pin and a 4 oz. Minimum Withdrawl on a .1500 + .0000/

.0001 Dia. Pin

Plugs, Center Contact: 16oz. Maximum Insertion on a .0410 + .0001 / - .0000 Dia. Pin and a 5 oz. Minimum Withdrawl on a .0390 + .0000 /

- .0001 Dia. Pin

Retention in Shell: 15 lbs. Minimum

ELECTRICAL:

Impedance: 50 Ohms Nominal Frequency Range: 0 to 1500 MHz

Insulation Resistance: 1000 Megaohms Minimum Contact Resistance: (Milliohms Maximum)

Center Contact: 5.0
Outer Contact: 3.0

Dielectric Withstanding Voltage (DWV):

Straight: 1000 VRMS
Right Angle: 800 VRMS
Voltage Standing Wave Ratio:
1.15 Maximum from 0 to 1200 MHz
1.35 Maximum from 1200 to 1500 MHz

ENVIRONMENTAL:

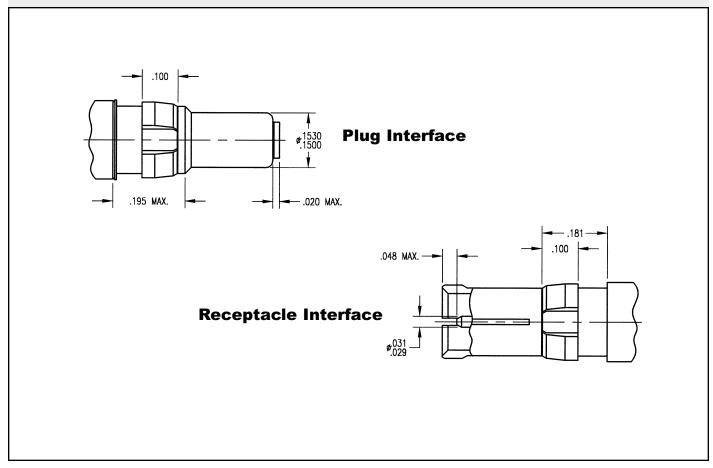
Operating Temperature: -55°C to +125°C

Vibration: MIL-STD-202, Method 204, Test Condition D Shock: MIL-STD-202, Method 213, Test Condition I

Corrosion Resistance: MIL-STD-202, Method 101, Condition B

GENERAL INFORMATION:

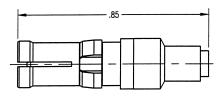
RDM Coaxial Contacts fit all D-Subminiature Connectors and are interchangeable with other manufacturer's product. Available in crimp or solder cable terminations.



Dimensions shown are in inches.

RDM - HF: Solder / Solder, Semi-Rigid Cable

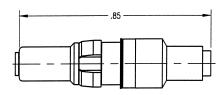
Straight Receptacle



Part Number	Cable	
211-510-0470G	.047 SR	
211-510-0850G	.085 SR	
211-510-0470G 211-510-0850G 211-510-1410G	.141 SR	

- See page 81 for cable assembly procedures: CAP 5-09
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

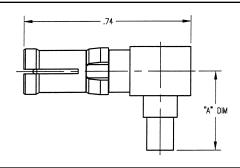
Straight Plug



Part Number	Cable
210-510-0470G	.047 SR
210-510-0850G	.085 SR
210-510-1410G	.141 SR

- See page 81 for cable assembly procedures: CAP 5-09
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

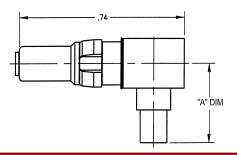
Right Angle Receptacle



Part Number 213-510-0470G 213-510-0850G 213-510-1410G	Cable	"A" DIM
213-510-0470G	.047 SR	.29
213-510-0850G	.085 SR	.35
213-510-1410G	.141 SR	.35

- See page 82 for cable assembly procedures: CAP 5-10
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

Right Angle Plug

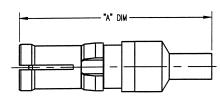


Part Number	Cable	"A" DIM
212-510-0470G	.047 SR	.29
212-510-0850G	.085 SR	.35
212-510-1410G	.141 SR	.35

- See page 82 for cable assembly procedures: CAP 5-10
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

RDM - HF: Solder / Crimp, Flexible Cable

Straight Receptacle



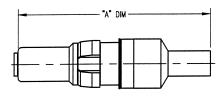
Part Number	Cable	"A" DIM
211-910-0360G	RG- 178, 196	.93
211-910-0630G	RG- 316, 188	.93
211-910-1070G	RG- 180, 195	1.03
211-910-1160G	RG- 141, 58	1.03
211-910-1161G	RG- 142, 223	1.03

- See page 85 for cable assembly procedures: CAP 9-01
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

Dimensions shown are in inches.

RDM - HF: Solder / Crimp, Flexible Cable

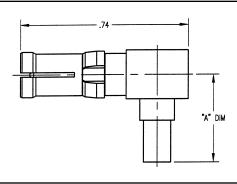
Straight Plug



Part Number	Cable	"A" DIM
210-910-0360G	RG- 178, 196	.93
210-910-0630G	RG- 316, 188	.93
210-910-1070G	RG- 180, 195	1.03
210-910-1160G	RG- 141, 58	1.03
210-910-1161G	RG- 142, 223	1.03

- See page 85 for cable assembly procedures: CAP 9-01
- Part number shown is for standard gold plating.
- · For military finish change suffix to "H"
- For commercial finish change suffix to "C"

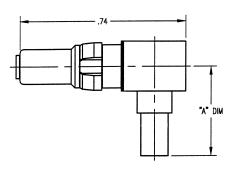
Right Angle Receptacle



Part Number	Cable	"A" DIM
213-910-0360G	RG- 178, 196	.49
213-910-0630G	RG- 316, 188	.49
213-910-1070G	RG- 180, 195	.60
213-910-1160G	RG- 141, 58	.60
213-910-1161G	RG- 142, 223	.60

- See page 86 for cable assembly procedures: CAP 9-02
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

Right Angle Plug

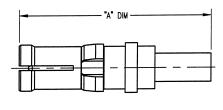


Cable	"A" DIM
RG- 178, 196	.49
RG- 316, 188	.49
RG- 180, 195	.60
RG- 141, 58	.60
RG- 142, 223	.60
	RG- 178, 196 RG- 316, 188 RG- 180, 195 RG- 141, 58

- See page 86 for cable assembly procedures: CAP 9-02
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

RDM - HF: Crimp / Crimp, Flexible Cable

Straight Receptacle

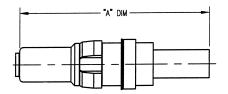


Part Number	Cable	"A" DIM
291-910-0630G	RG- 316, 188	.84
291-910-1070G	RG- 180, 195	1.00
291-910-1160G	RG- 141, 58	1.00
291-910-1161G	RG 142, 223	1.00

- See page 87 for cable assembly procedures: CAP 9-07
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

RDM - HF: Crimp / Crimp, Flexible Cable

Straight Plug

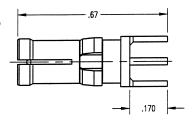


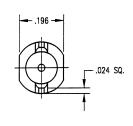
Cable	"A" DIM
RG- 316, 188	.86
RG- 180, 195	1.01
RG- 141, 58	1.01
RG- 142, 223	1.01
	RG- 316, 188 RG- 180, 195 RG- 141, 58

- See page 87 for cable assembly procedures: CAP 9-07
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

RDM - HF: Printed Circuit Board Contacts

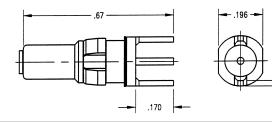
Straight Receptacle





- Part Number Mounting Hole 211-010-6140G N0. 061
- See page 78 for mounting hole layout.
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

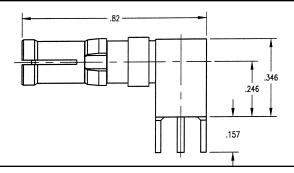
Straight Plug



Part Number	Mounting Hole	
210-010-6140G	N0. 061	

- See page 78 for mounting hole layout.
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

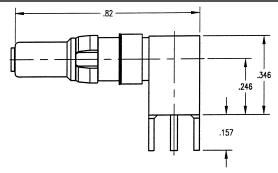
Right Angle Receptacle



Part Number	Mounting Hol	
213-010-6140G	N0. 061	

- See page 78 for mounting hole layout.
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

Right Angle Plug

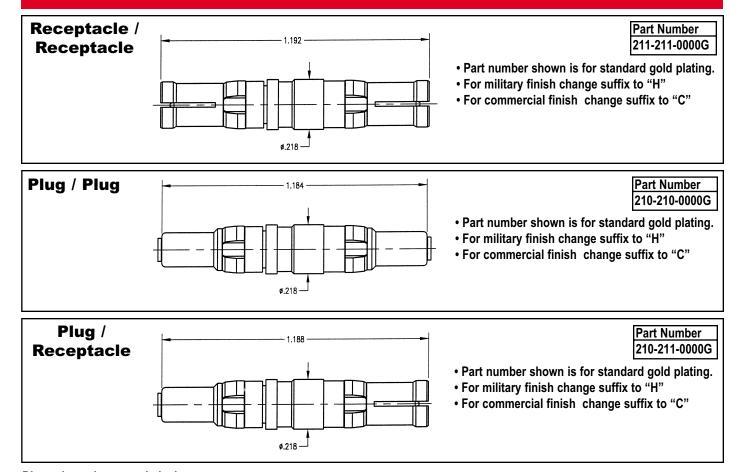


Part Number	Mounting Hole
212-010-6140G	N0. 061

- See page 78 for mounting hole layout.
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

Dimensions shown are in inches.

RDM - HF: Same - Series Adapters



RDM 75 OHM: Specifications & Interface Dimensions

MECHANICAL:

Materials:

Bodies, Plugs: Brass per ASTM B16, 1/2 HD

Bodies Receptacles: Beryllium Copper per ASTM B196 Female Contacts: Beryllium Copper per ASTM B196 Male Contacts: Brass per ASTM B16, 1/2/ HD

Insulators: Teflon per ASTM D1710
Crimp Ferrule: Annealed Copper Alloy

Clip Ring: Phosphor Bronze per ASTM B103

Finish:

Body:Gold Plated per MIL-STD-45204

Center Contact: Gold Plated per MIL-STD-45204

Clip Ring: Nickel Plated per QQ-N-290

MATING CHARACTERISTICS:

Receptacles, Outer Contact: 3 lbs. Maximum Insertion on a .1530 +.0001 / -.0000 Dia. Pin and 4 oz. Minimum Withdrawl on a .1500 +.0000 / -.0001 Dia. Pin

Plugs, Center Contact: 16 oz. Maximum Insertion on a .0419 +.0001 / -.0000 Dia. Pin and 5 oz. Minimum Withdrawl on a

.0390 +.0000 /-.0001 Dia. Pin Retension in Shell: 15 lbs. Minimum

ELECTRICAL:

Impedance: 75 Ohm Nominal Frequency Range: 0 - 2 GHz

Insulation Resistance: 1000 Megaohms Minimum

Contact Resistance: (Milliohms Maximum)

Center Contact: 5.0
Outer Contact: 3.0

Dielectric Withstanding Voltage (DWV):

Straight: 1000 VRMS
Right Angle: 800 VRMS
Voltage Standing Wave Ratio:
1.05 Maximum from 0 to 1000 MHz
1.25 Maximum from 1000 to 2000 MHz

ENVIRONMENTAL:

Operating Temperature: -55°C to +125°C

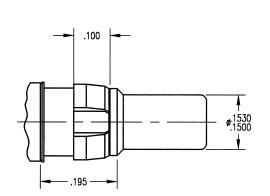
Vibration: MIL-STD-202, Method 204, Test Condition D Shock: MIL-STD-202, Method 213, Test Condition I

Corrosion Resistance: MIL-STD-202, Method 101, Condition B

GENERAL INFORMATION:

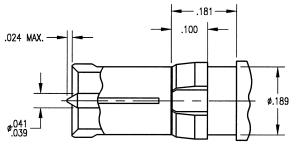
RDM Coaxial Contacts fit all D-Subminiature Connectors and are interchangeable with other manufacturer's product.

Available in crimp or solder cable versions.



Plug Interface

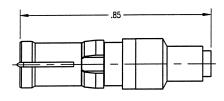
Receptacle Interface



Dimensions shown are in inches.

RDM 75 OHM: Solder / Solder, Semi-Rigid Cable

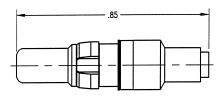
Straight Receptacle



Part Number	Cable
271-510-0470G	.047 SR
271-510-0850G	.085 SR
271-510-1410G	.141 SR

- See page 81 for cable assembly procedures: CAP 5-09
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

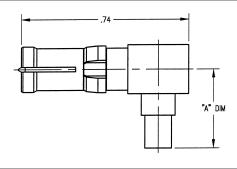
Straight Plug



Part Number	Cable
270-510-0470G	.047 SR
270-510-0850G	.085 SR
270-510-1410G	.141 SR

- See page 81 for cable assembly procedures: CAP 5-09
- Part number shown is for standard gold plating.
- · For military finish change suffix to "H"
- For commercial finish change suffix to "C"

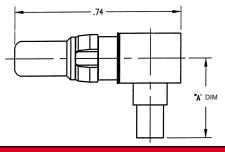
Right Angle Receptacle



Part Number	Cable	"A" DIM
273-510-0470G	.047 SR	.29
273-510-0850G	.085 SR	.35
273-510-1410G	.141 SR	.35

- See page 82 for cable assembly procedures: CAP 5-10
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

Right Angle Plug

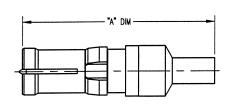


Part Number	Cable	"A" DIM
272-510-0470G 272-510-0850G	.047 SR	.29
272-510-0850G	.085 SR	.35
272-510-1410G	.141 SR	.35

- See page 82 for cable assembly procedures: CAP 5-10
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

RDM 75 OHM: Solder / Crimp, Flexible Cable

Straight Receptacle



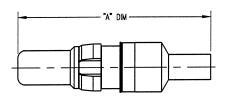
Part Number	Cable	"A" DIM
271-910-0630G	RG- 179	.93
271-910-1070G	BELDEN 8218	1.03

- See page 85 for cable assembly procedures: CAP 9-01
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

Dimensions shown are in inches.

RDM 75 OHM: Solder / Crimp, Flexible Cable

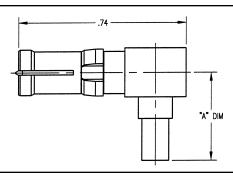
Straight Plug



Part Number	Cable	"A" DIM
270-910-0630G	RG- 179	.93
Part Number 270-910-0630G 270-910-1070G	BELDEN 8218	1.03

- See page 85 for cable assembly procedures: CAP 9-01
- · Part number shown is for standard gold plating.
- · For military finish change suffix to "H"
- For commercial finish change suffix to "C"

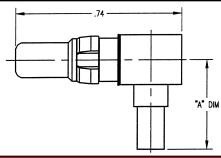
Right Angle Receptacle



Part Number	Cable	"A" DIM
273-910-0630G	RG- 179	.49
273-910-1070G	BELDEN 821	8 .60

- See page 86 for cable assembly procedures: CAP 9-02
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

Right Angle Plug

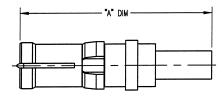


Part Number	Cable	"A" DIM
272-910-0630G	RG- 179	.49
272-910-1070G	BELDEN 8218	.60

- See page 86 for cable assembly procedures: CAP 9-02
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

RDM 75 OHM: Crimp / Crimp, Flexible Cable

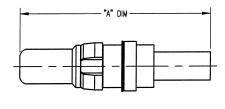
Straight Receptacle



Part Number	Cable	"A" DIM
241-910-0630G	RG- 179	.84
241-910-1070G	BELDEN 8218	1.00

- See page 87 for cable assembly procedures: CAP 9-07
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

Straight Plug

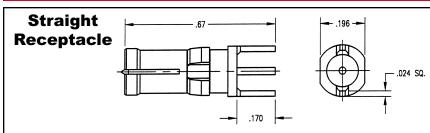


Part Number	Cable '	'A" DIM
240-910-0630G	RG- 179	.86
240-910-1070G	BELDEN 8218	8 1.01

- See page 87 for cable assembly procedures: CAP 9-07
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

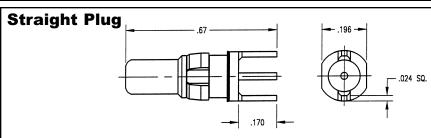
Dimensions shown are in inches.

RDM 75 OHM: Printed Circuit Board Contacts



Part Number	Mounting Hole	
271-010-6140G	No. 061	

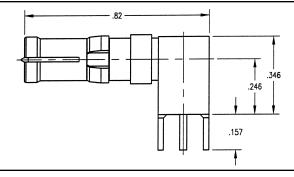
- See page 78 for mounting hole layout.
- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"



Part Number	Mounting Hole	
270-010-6140G	No. 061	

- See page 78 for mounting hole layout.
- .024 SQ. Part number shown is for standard gold plating.
 - For military finish change suffix to "H"
 - For commercial finish change suffix to "C"

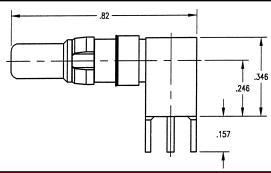




Part Number	Mounting Hole	
273-010-6140G	No. 061	

- See page 78 for mounting hole layout.
- · Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

Right Angle Plug

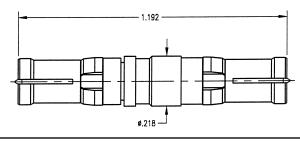


Part Number	Mounting Hole
272-010-6140G	No. 061

- See page 78 for mounting hole layout.
- · Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

RDM 75 OHM: Same - Series Adapters

Receptacle / Receptacle

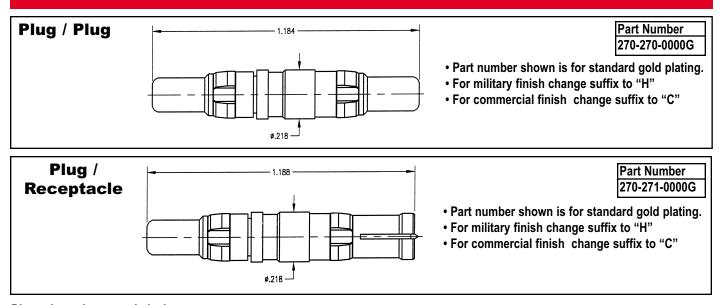


Part Number 271-271-0000G

- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

Dimensions shown are in inches.

RDM 75 OHM: Same - Series Adapters



RDM HIGH POWER: Specifications & Interface Dimensions

MECHANICAL:

Materials:

Bodies, Plugs: Brass per ASTM B16, 1/2 HD

Bodies Receptacles: Beryllium Copper per ASTM B196 Spring Washers: Phosphor Bronze per ASTM B103 Clip Ring: Phosphor Bronze per ASTM B103

Finish:

Bodies: Gold Plated per MIL-STD-45204 Clip Ring: Nickel Plated per QQ-N-290

MATING CHARACTERISTICS:

Receptacles, Outer Contact: 3 lbs. Maximum Insertion on a .1530 +.0001 / -.0000 Dia. Pin and a 4 oz. Minimum Withdrawl on a .1500 +.0000 / -.0001 Dia. Pin

Retention in Shell: 15 lbs. Minimum

ELECTRICAL:

Current Rating: 10, 20, 40 AMPS Contact Resistance: 3.0 Milliohms

ENVIRONMENTAL:

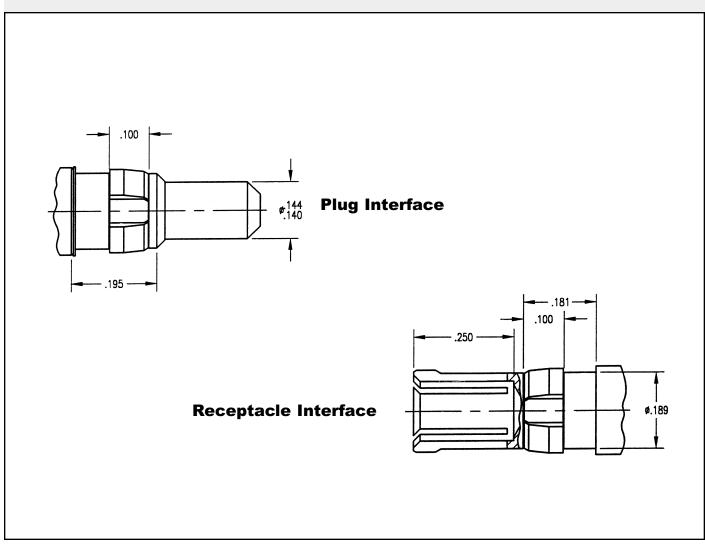
Operating Temperature: -55°C to +125°C

Vibration: MIL-STD-202, Method 204, Test Condition D Shock: MIL-STD-202, Method 213, Test Condition I Corrosion Resistance: MIL-STD-202, Method 101,

Condition B

GENERAL INFORMATION:

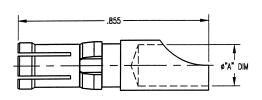
RDM Coaxial Contacts fit all D-Subminiature Connectors and are interchangeable with other manufacturer's product. Available in crimp or solder cable terminations.



Dimensions shown are in inches.

RDM HIGH POWER: Solder, Flexible Cable

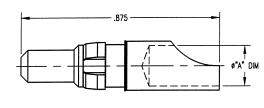
Straight Receptacle



Part Number	Wire	Current	"A" DIM
	Gauge	Rating	
221-510-0000G	# 8	40 AMP	.188
221-510-0001G	# 12	20 AMP	.110
221-510-0002G	# 16	10 AMP	.069

- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

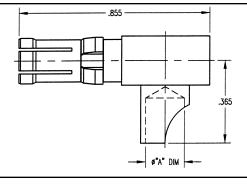
Straight Plug



Part Number	Wire Gauge	Current Rating	"A" DIM
220-510-0000G	# 8	40 AMP	.188
220-510-0001G	# 12	20 AMP	.110
220-510-0002G	# 16	10 AMP	.069

- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

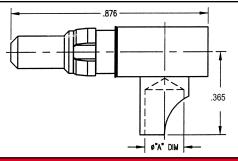
Right Angle Receptacle



Part Number	Wire	Current	"A" DIM
	Gauge	Rating	
223-510-0000G	# 8	40 AMP	.188
223-510-0001G	# 12	20 AMP	.110
223-510-0002G	# 16	10 AMP	.069

- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

Right Angle Plug

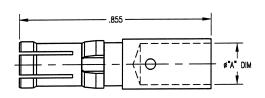


Part Number	Wire Gauge	Current Rating	"A" DIM
222-510-0000G	# 8	40 AMP	.188
222-510-0001G	# 12	20 AMP	.110
222-510-0002G	# 16	10 AMP	.069

- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

RDM HIGH POWER: Crimp, Flexible Cable

Straight Receptacle



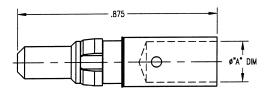
Part Number	Wire	Current	"A" DIM
	Gauge	Rating	
221-910-0000G	# 8	40 AMP	.188
221-910-0001G	# 12	20 AMP	.110
221-910-0002G	# 16	10 AMP	.069

- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

Dimensions shown are in inches.

RDM HIGH POWER: Crimp, Flexible Cable

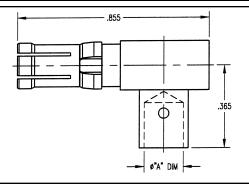
Straight Plug



Part Number	Wire Gauge	Current Rating	"A" DIM
220-910-0000G	# 8	40 AMP	.188
220-910-0001G	# 12	20 AMP	.110
220-910-0002G	# 16	10 AMP	.069

- Part number shown is for standard gold plating.
- · For military finish change suffix to "H"
- For commercial finish change suffix to "C"

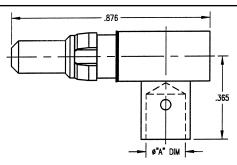
Right Angle Receptacle



Part Number	Wire	Current	"A" DIM
	Gauge	Rating	
223-910-0000G	# 8	40 AMP	.188
223-910-0001G	# 12	20 AMP	.110
223-910-0002G	# 16	10 AMP	.069

- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

Right Angle Plug

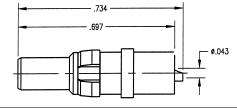


Part Number	Wire Gauge	Current Rating	"A" DIM
222-910-0000G	# 8	40 AMP	.188
222-910-0001G	# 12	20 AMP	.110
222-910-0002G	# 16	10 AMP	.069

- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

RDM HIGH VOLTAGE: Solder, Flexible Cable

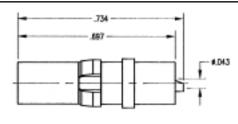
Straight Plug



Part Number	Wire Gauge
230-510-0000H	# 16

- · Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

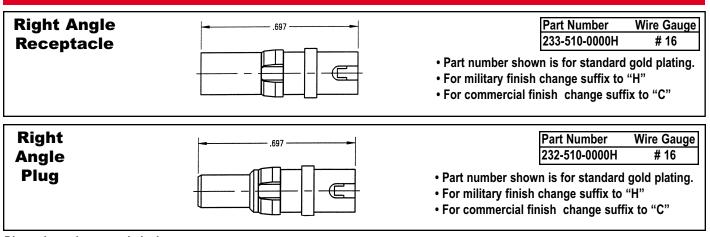
Straight Receptacle



Part Number	Wire Gauge
231-510-0000H	# 16

- Part number shown is for standard gold plating.
- For military finish change suffix to "H"
- For commercial finish change suffix to "C"

RDM HIGH VOLTAGE: Solder, Flexible Cable



40 SERIES: Specifications & Interface Dimensions

MECHANICAL:

Materials:

Bodies, Plugs: Brass per ASTM B16, 1/2 HD

Bodies Receptacles: Beryllium Copper per ASTM B196 Female Contacts: Beryllium Copper per ASTM B196

Male Contacts: Brass per ASTM B16, 1/2 HD

Insulators: Teflon per ASTM D1710
Crimp Ferrule: Annealed Copper Alloy
Clip Ring: Beryllium Copper per ASTM B194

Finish:

Body: Gold Plated per MIL-STD-45204

Center Contact: Gold Plated per MIL-STD-45204

Clip Ring: Nickel Plated per QQ-N-290

MATING CHARACTERISTICS:

Receptacles, Outer Contact: 3 lbs. Maximum Insertion on a .1530 +.0001 / -.0000 Dia. Pin and a 4 oz. Minimum

Withdrawl on a .1500 +.0000 / -.0001 Dia. Pin

Plugs, Center Contact: 16 oz. Maximum on a .0410 +.0001 / -.0000 Dia. Pin and 5 oz. Minimum Withdrawl on a .0390

+.0000 / -.0001 Dia. Pin

Retension in Shell: 15 lbs. Minimum

ELECTRICAL:

Impedance: 50 Ohms Nominal Frequency Range: 0 to 5.0 GHz

Insulation Resistance: 5000 Megaohms Minimum Contact Resistance: (Milliohms Maximum)

Center Contact: 5.0
Outer Contact: 3.0

Voltage Standing Wave Ratio: 0 to 5.0 GHz

Straight Connector: 1.15 +.02F GHz on RG-316 Cable Straight Connector: 1.15 +.01F GHz on .141 Dia. Semi-rigid

Cable

ENVIRONMENTAL:

Operating Temperature: -55°C to +125°C

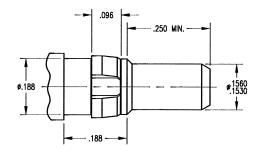
Vibration: MIL-STD-202, Method 204, Test Condition D Shock: MIL-STD-202, Method 213, Test Condition I Corrosion Resistance: MIL-STD-202, Test Method 101,

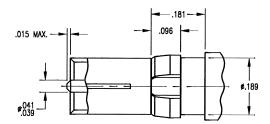
Condition B

GENERAL INFORMATION:

31 Series Coaxial Contacts fit housings per DIN 41612 Available in crimp or solder cable terminations

Plug Interface

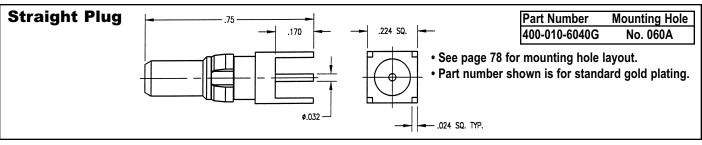


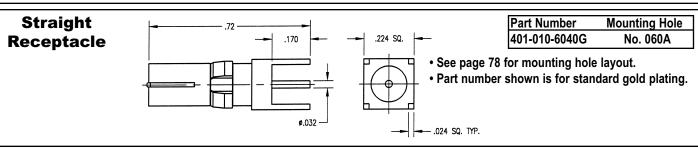


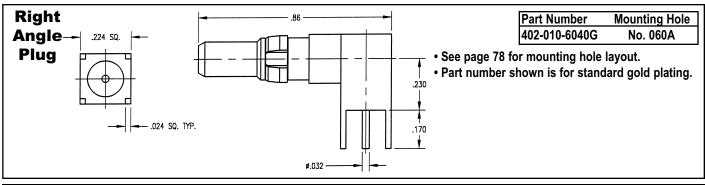
Receptacle Interface

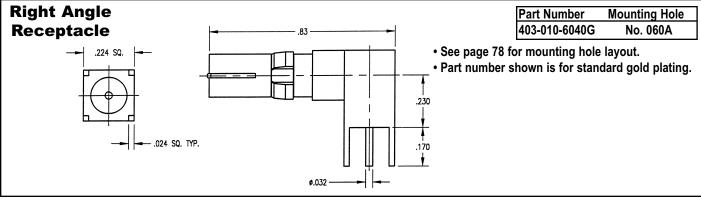
Dimensions shown are in inches.

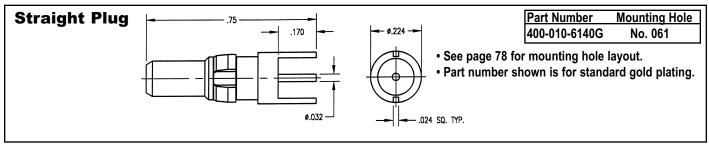
RDM 40 SERIES: Printed Circuit Board Contacts





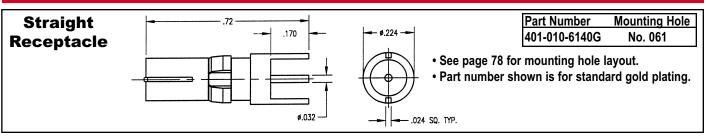


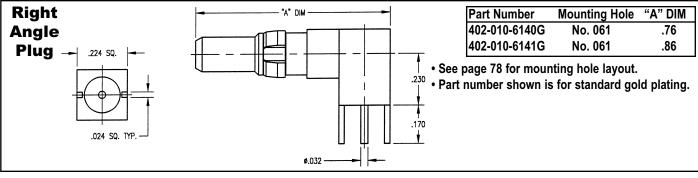


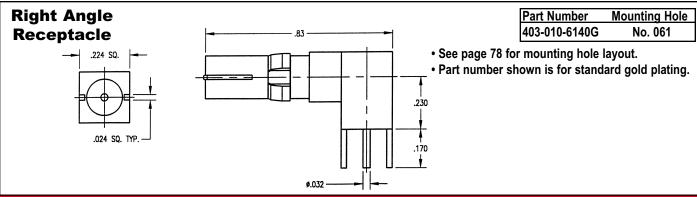


Dimensions shown are in inches.

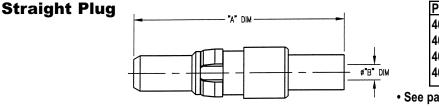
RDM 40 SERIES: Printed Circuit Board Contacts





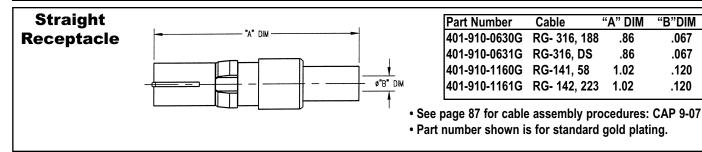


RDM 40 SERIES: Crimp / Crimp, Flexible Cable



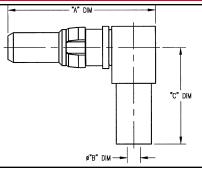
Part Number	Cable	"A" DIM	"B"DIM
400-910-0630G	RG- 316, 188	.93	.067
400-910-0631G	RG- 316, DS	.93	.067
400-910-1160G	RG- 141, 58	1.09	.120
400-910-1161G	RG- 142, 223	1.09	.120

- See page 87 for cable assembly procedures: CAP 9-07
- Part number shown is for standard gold plating.



RDM 40 SERIES: Crimp / Crimp, Flexible Cable

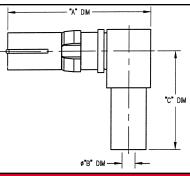
Right Angle Plug



Part Number	Cable	"A" DIM	"B"DIM	"C"DIM
402-910-0630G		.75	.067	.50
402-910-0631G	RG- 316, DS	.75	.067	.50
402-910-1160G	RG- 141, 58	.75	.120	.60
402-910-1161G	RG- 142, 223	.75	.120	.60

- See page 88 for cable assembly procedures: CAP 9-16
- Part number shown is for standard gold plating.

Right Angle Receptacle

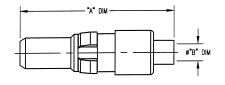


Part Number	Cable	"A" DIM	"B"DIM	"C"DIM
403-910-0630G	RG- 316, 188	.71	.067	.50
403-910-0631G	RG- 316, DS	.71	.067	.50
403-910-1160G	RG- 141, 58	.71	.120	.60
403-910-1161G	RG- 142, 223	.71	.120	.60

- See page 88 for cable assembly procedures: CAP 9-16
- Part number shown is for standard gold plating.

RDM 40 SERIES: Solder / Solder, Semi-Rigid Cable

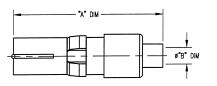
Straight Plug



Part Number	Cable	"A" DIM	"B"DIM
400-510-0850G	RG- 405 (.085 SR)	.79	.090
400-510-1410G	RG- 402 (.141 SR)	.79	.148

- See page 83 for cable assembly procedures: CAP 5-15
- Part number shown is for standard gold plating.

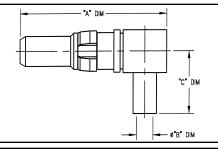
Straight Receptacle



Part Number	Cable	"A" DIM	"B"DIM
401-510-0850G	RG- 405 (.085 SR)	.72	.090
401-510-1410G	RG- 402 (.141 SR)	.72	.148

- See page 83 for cable assembly procedures: CAP 5-15
- Part number shown is for standard gold plating.

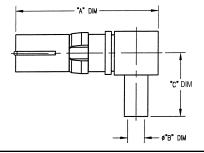
Right Angle Plug



Part Number	Cable	"A" DIM	"B"DIM	"C" DIM
402-510-0850G	RG- 405 (.085 SR)	.75	.090	.31
402-510-1410G	RG- 402 (.141 SR)	.75	.148	.31

- See page 84 for cable assembly procedures: CAP 5-16
- Part number shown is for standard gold plating.

Right Angle Receptacle

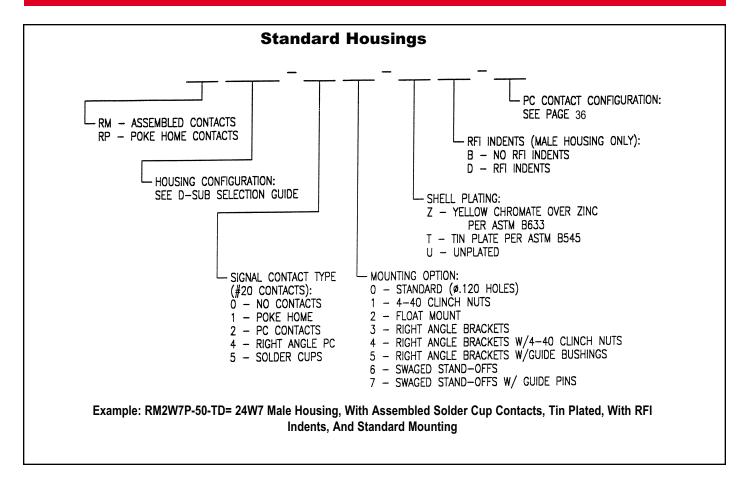


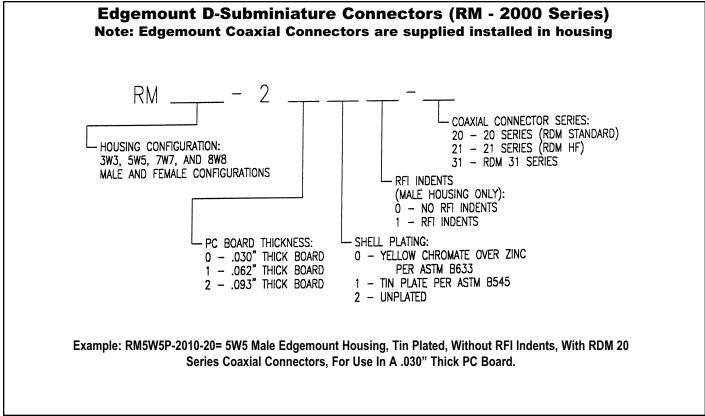
Part Number	Cable	"A" DIM	"B"DIM	"C" DIM
403-510-0850G	RG- 405 (.085 SR)	.69	.090	.31
403-510-1410G	RG- 402 (.141 SR)	.69	.148	.31

- See page 84 for cable assembly procedures: CAP 5-16
- Part number shown is for standard gold plating.

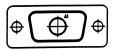
Dimensions shown are in inches.

D-SUBMINIATURE: Connector Ordering Guide





D-SUBMINIATURE CONNECTOR: Selection Guide



1W1

No. of size 8 contacts: 1 No. of size 20 contacts: 0

Shell Size E



5W1

No. of size 8 contacts: 1 No. of size 20 contacts: 4



2W2

No. of size 8 contacts: 2 No. of size 20 contacts: 0

3W3

No. of size 8 contacts: 3 No. of size 20 contacts: 0

Shell Size A



11W1

No. of size 8 contacts: 1 No. of size 20 contacts: 10

$\left(\oplus \left(\stackrel{\wedge}{\bigoplus}_{\stackrel{1}{\cancel{2}} \stackrel{1}{\cancel{2}} \stackrel{2}{\cancel{2}} \stackrel{1}{\cancel{2}} \stackrel{1$

7W2

No. of size 8 contacts: 2 No. of size 20 contacts: 5

Shell Size B



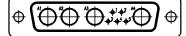
4W4

No. of size 8 contacts: 4 No. of size 20 contacts: 0



5W5

No. of size 8 contacts: 5 No. of size 20 contacts: 0



9W4

No. of size 8 contacts: 4 No. of size 20 contacts: 5



13W3

No. of size 8 contacts: 3 No. of size 20 contacts: 10



17W2

No. of size 8 contacts: 2 No. of size 20 contacts: 15



21W1

No. of size 8 contacts: 1 No. of size 20 contacts: 20

Shell Size C



6W6

No. of size 8 contacts: 6 No. of size 20 contacts: 0



7W7

No. of size 8 contacts: 7 No. of size 20 contacts: 0

D-SUBMINIATURE CONNECTOR: Selection Guide

Shell Size C (Continued)



8W8

No. of size 8 contacts: 8 No. of size 20 contacts: 0



13W6

No. of size 8 contacts: 6 No. of size 20 contacts: 7



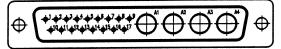
17W5

No. of size 8 contacts: 5 No. of size 20 contacts: 12



21WA4

No. of size 8 contacts: 4 No. of size 20 contacts: 17



21W4

No. of size 8 contacts: 4 No. of size 20 contacts: 17



25W3

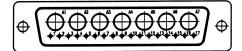
No. of size 8 contacts: 3 No. of size 20 contacts: 22



27W2

No. of size 8 contacts: 2 No. of size 20 contacts: 25

Shell Size D



24W7

No. of size 8 contacts: 7 No. of size 20 contacts: 17



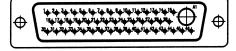
36W4

No. of size 8 contacts: 4 No. of size 20 contacts: 32



43W2

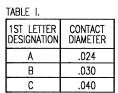
No. of size 8 contacts: 2 No. of size 20 contacts: 41

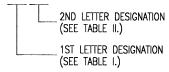


47W1

No. of size 8 contacts: 1 No. of size 20 contacts: 46

D-SUBMINIATURE: PCB Signal Contact Selection

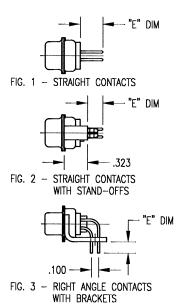




EXAMPLE: AA = .024 DIA. STRAIGHT SIGNAL CONTACTS, .154 EXTENSION BEYOND INSULATOR

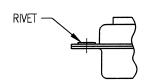
TABLE II.

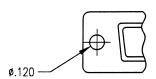
MULL III				
2ND LETTER DESIGNATION	CONTACT STYLE	"E" DIM	FIGURE	
Α	STRAIGHT	.154	1	
В	STRAIGHT	.185	1	
С	STRAIGHT	.216	1	
D	STRAIGHT	.132	2	
E	STRAIGHT	.163	2	
F	STRAIGHT	.194	2	
G	R/A	.094	3	
Н	R/A	.125	3	
J	R/A	.157	3	



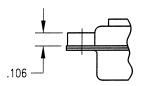
D-SUBMINIATURE: Mounting Options

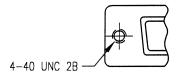
0 - Standard



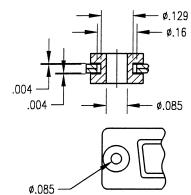


1 - 4-40 Clinch Nuts

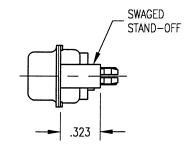




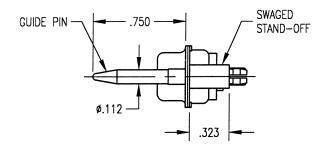
2 - Float Mount Bushings



6 - Swaged Stand-Offs



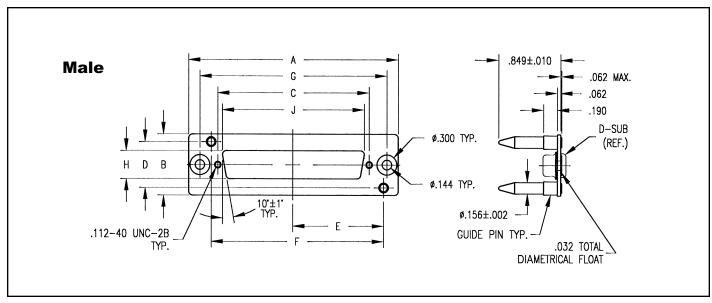
7- Swaged Stand-Offs With Guide Pins

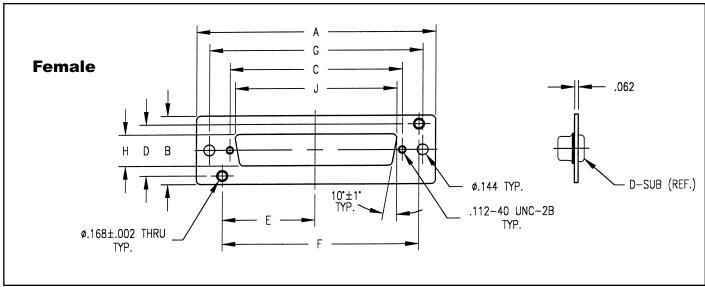


• See page 40 for right angle mounting dimensions

Dimensions shown are in inches.

D-SUBMINIATURE: Guide Pin Plates

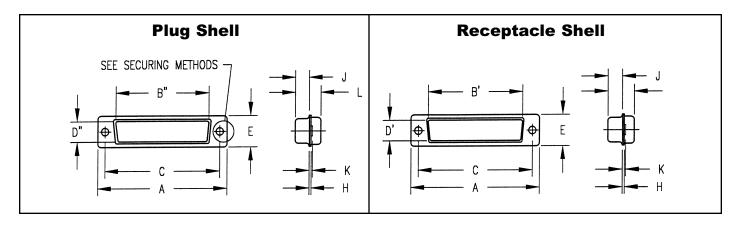


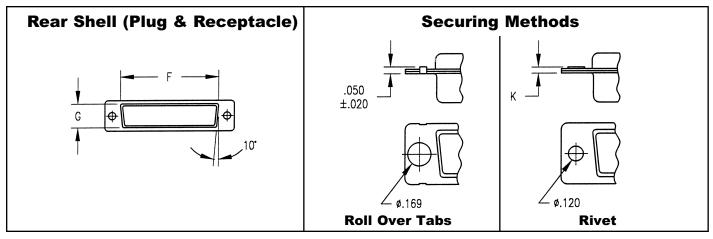


SHELL SIZE	A ±.015	B ±.015	C ±.005	D ±.003	E ±.005	F ±.003	G ±.005	H ±.005	J ±.005
E	1.953	1.000	.984	.750	.734	1.335	1.578	.458	.827
Α	2.281	1.000	1.312	.750	.898	1.663	1.906	.458	1.153
В	2.820	1.000	1.852	.750	1.168	2.203	2.446	.458	1.695
С	3.468	1.000	2.500	.750	1.492	2.851	3.094	.458	2.342
D	2.275	1.125	2.406	.874	1.437	2.749	3.000	.569	2.248

Dimensions shown are in inches.

D-SUBMINIATURE: Shell Dimensions





SHELL SIZE	GENDER	A ±.015	B' ±.005	B" ±.005	C ±.005	D' ±.005	D" ±.005	E ±.015	F ±.010	G ±.010	H ±.010	J	К	L ±.010
E	Р	1.213	-	.666	.984	_	.329	.494	.759	.422	.030	.229/.238	.035/.060	.422
Е	R	1.213	.643	_	.984	.311	_	.494	.759	.422	.030	.238/.248	.035/.060	.429
Α	Р	1.541	_	.994	1.312	_	.329	.494	1.083	.422	.030	.229/.238	.035/.060	.422
Α	R	1.541	.971	_	1.312	.311	_	.494	1.083	.422	.030	.238/.248	.035/.060	.429
В	Р	2.088	_	1.534	1.852	_	.329	.494	1.625	.422	.039	.224/.236	.050/.070	.426
В	R	2.088	1.511	-	1.852	.311	_	.494	1.625	.422	.030	.238/.248	.035/.060	.429
С	Р	2.729	-	2.182	2.500	_	.329	.494	2.272	.422	.039	.224/.236	.050/.070	.426
С	R	2.729	2.159	_	2.500	.311	-	.494	2.272	.422	.030	.238/.248	.035/.060	.429
D	Р	2.635	_	2.079	2.406	-	.441	.605	2.178	.534	.039	.224/.236	.050/.070	.426
D	R	2.635	2.064	_	2.406	.423	_	.605	2.178	.534	.030	.238/.248	.035/.060	.429

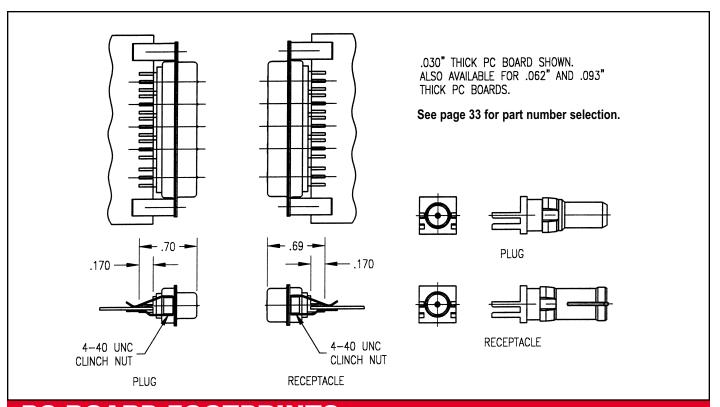
GENDER:

P: Plug (Pin Signal Contacts)

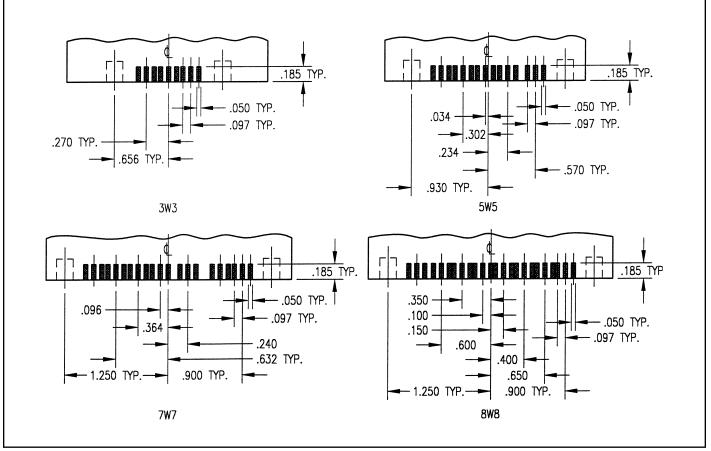
R: Receptacle (Socket Signal Contacts)

Dimensions shown are in inches.

D-SUBMINIATURE: Edgemount Connectors (Patent Information Pending)



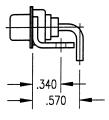
PC BOARD FOOTPRINTS (male footprint shown • female footprint is mirror image)

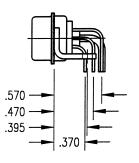


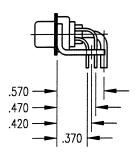
Dimensions shown are in inches.

D-SUBMINIATURE: Right Angle Mounting Dimensions

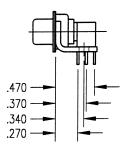
Right Angle Power Contacts

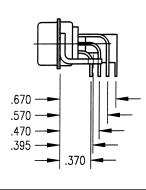


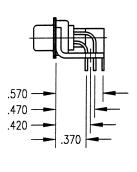




Right Angle Coaxial Contacts







SHELL SIZE LAYOUT	"A " 2W2 3W3
SHELL SIZE LAYOUT	"B" 4W4 5W5
SHELL SIZE LAYOUT	"C" 6W6 7W7 8W8

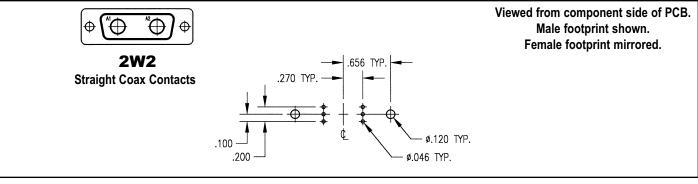
SHELL SIZE "D"
24W7
36W4
43W2
47W1

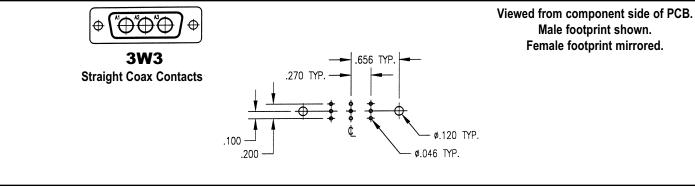
SHELL SIZE 7W2 LAYOUT 11W1 "B" SHELL SIZE LAYOUT 9W4 13W3 17W2 21W1 "C" SHELL SIZE LAYOUT 13W6 17W5

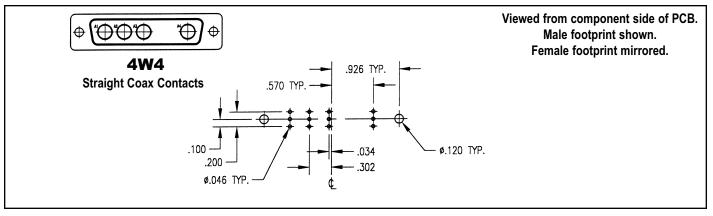
21WA4 21W4 25W3 27W2

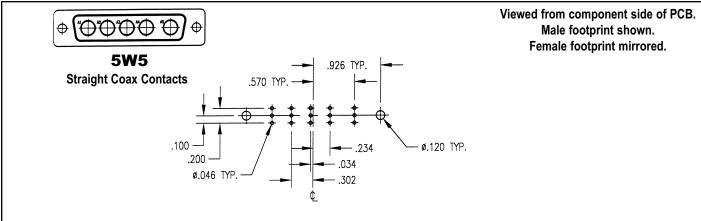
SHELL SIZE "E" LAYOUT 5W1

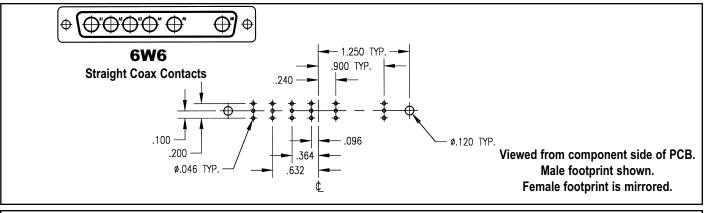
Dimensions shown are in inches.

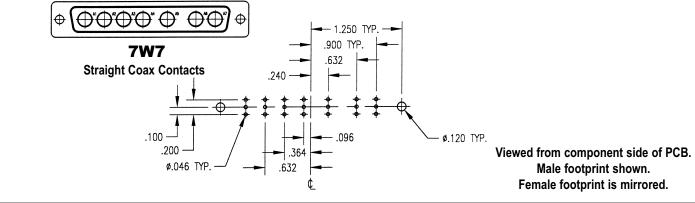


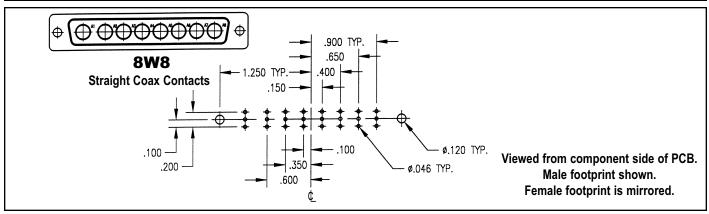


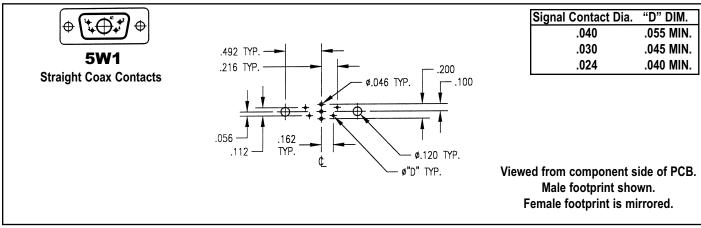




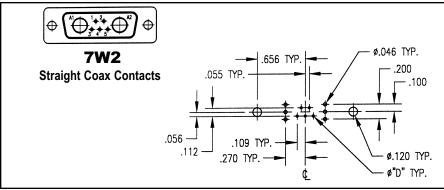








Dimensions shown are in inches.

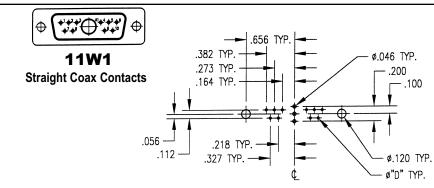


Signal Contact Dia.	"D" DIM.
.040	.055 MIN.
.030	.045 MIN.
.024	.040 MIN.

Viewed from component side of PCB.

Male footprint shown.

Female footprint is mirrored.

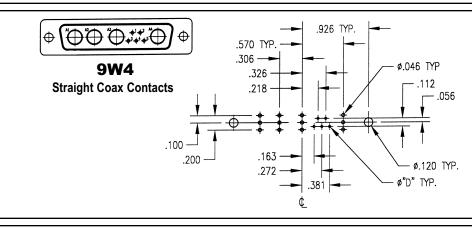


Signal Contact Dia.	"D" DIM.
.040	.055 MIN.
.030	.045 MIN.
.024	.040 MIN.

Viewed from component side of PCB.

Male footprint shown.

Female footprint is mirrored.

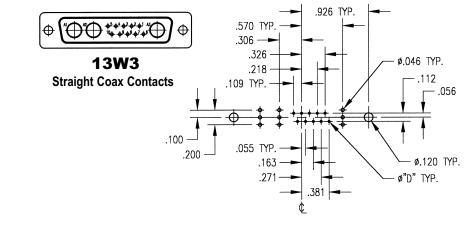


Signal Contact Dia.	"D" DIM.
.040	.055 MIN.
.030	.045 MIN.
.024	.040 MIN.

Viewed from component side of PCB.

Male footprint shown.

Female footprint is mirrored.



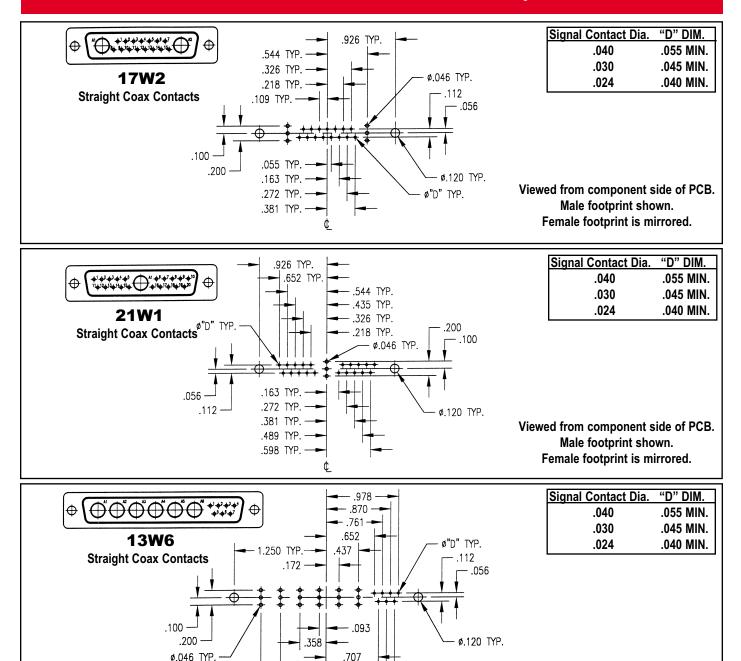
Signal Contact Dia.	"D" DIM.
.040	.055 MIN.
.030	.045 MIN.
.024	.040 MIN.

Viewed from component side of PCB.

Male footprint shown.

Female footprint is mirrored.

Dimensions shown are in inches.



Dimensions shown are in inches.

.623

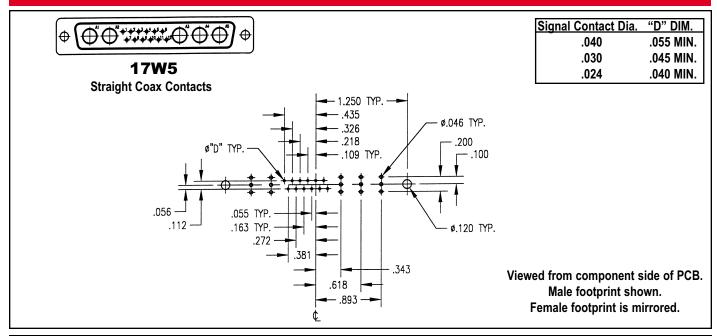
.888

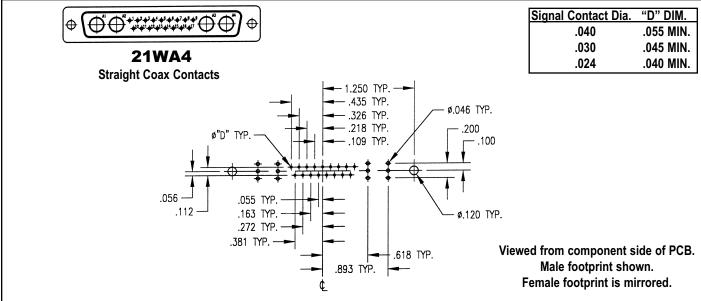
-815

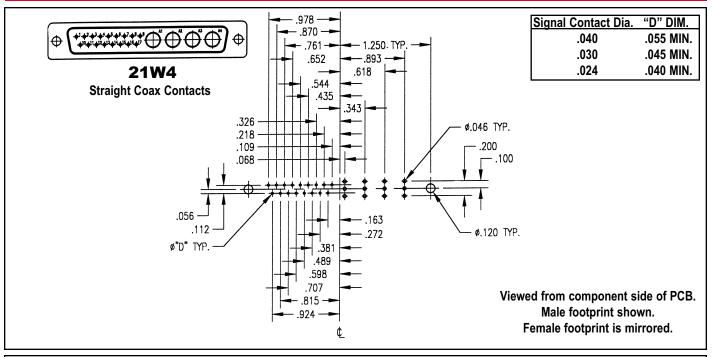
.924

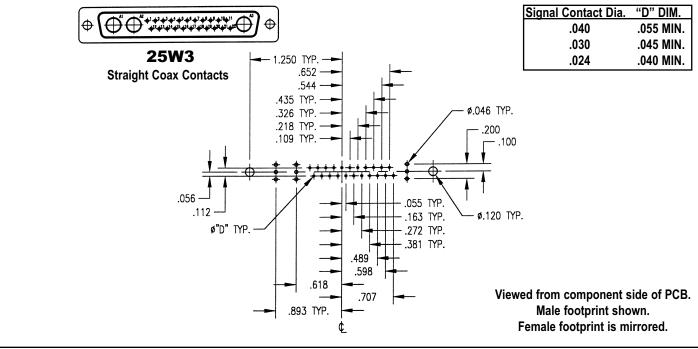
Viewed from component side of PCB.

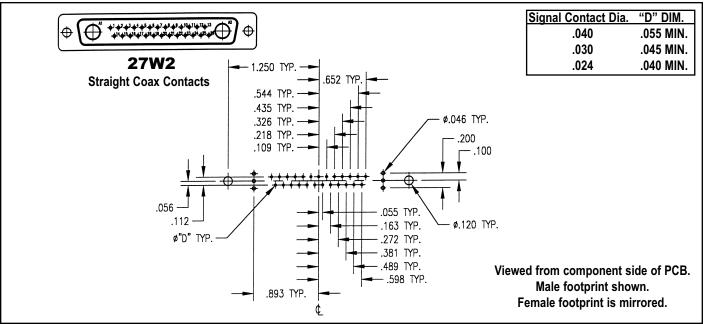
Male footprint shown. Female footprint is mirrored.

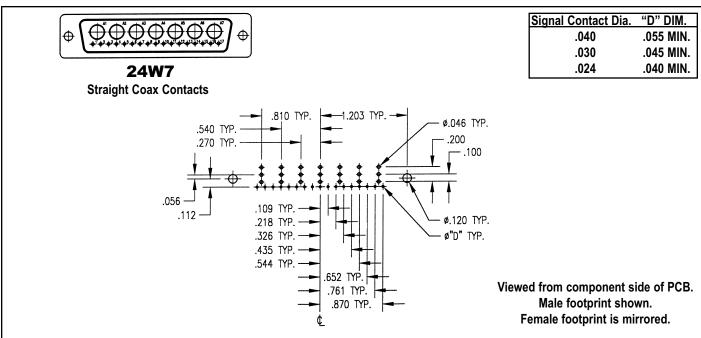


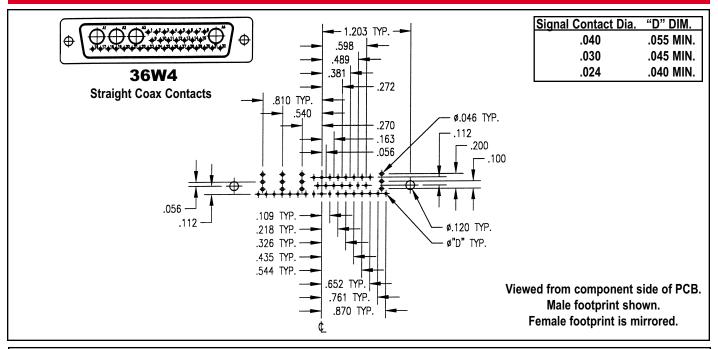


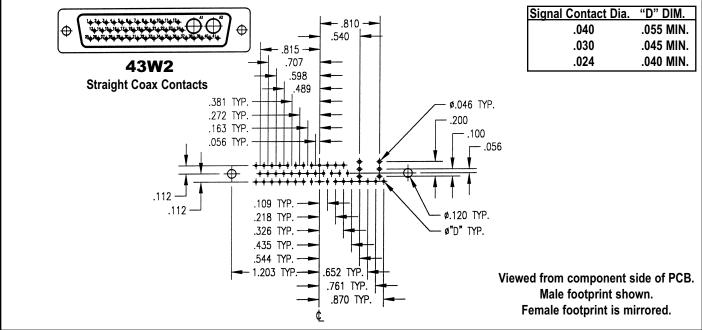


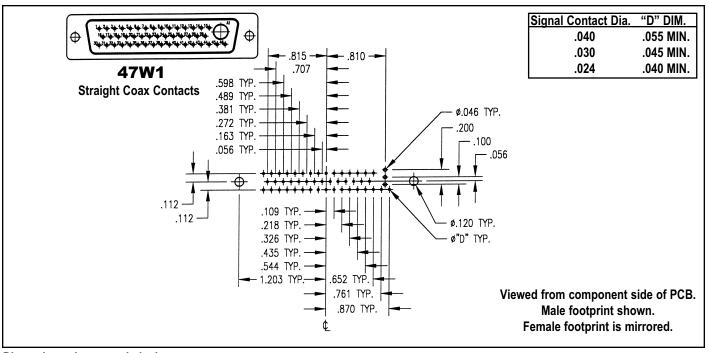


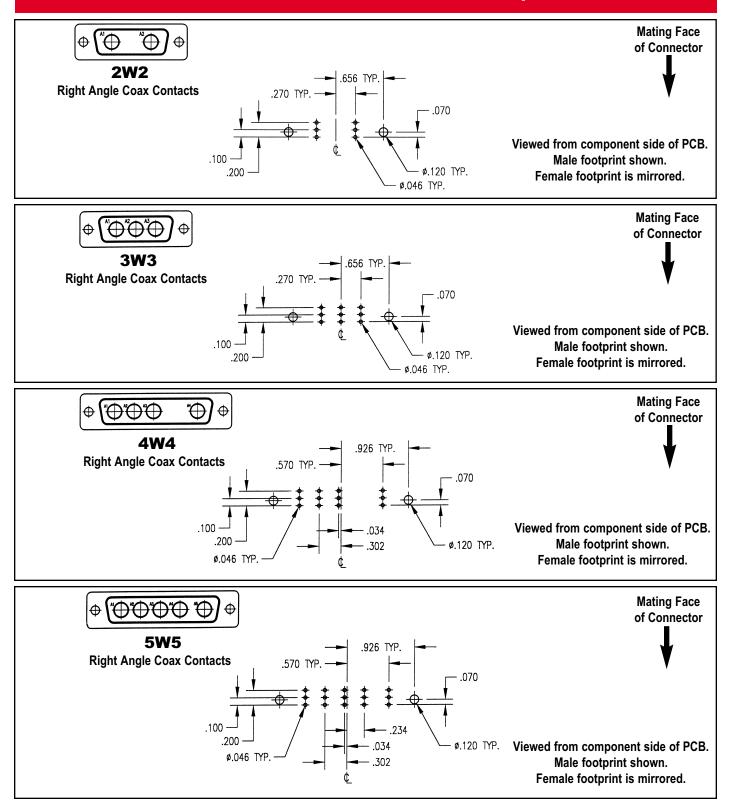


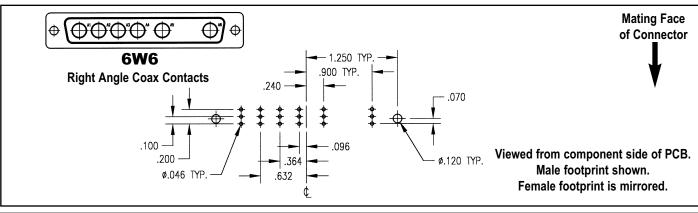


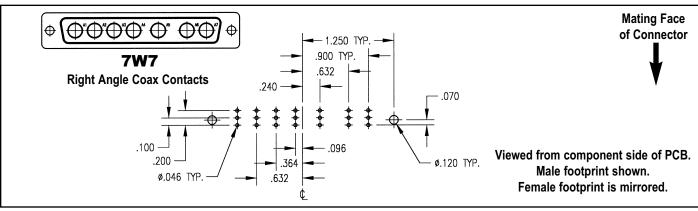


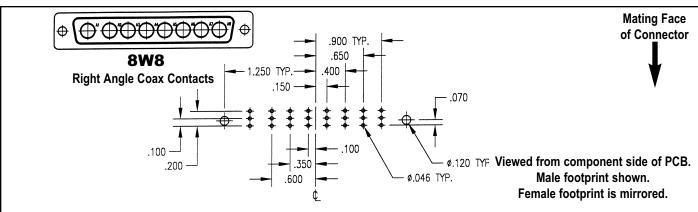


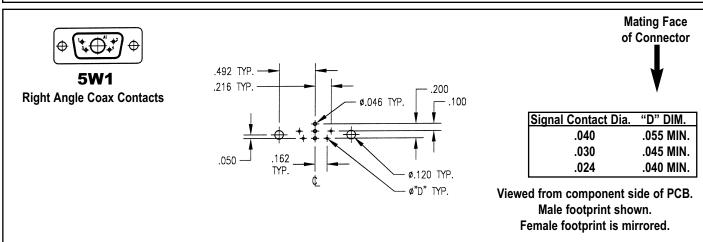






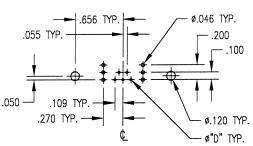






Dimensions shown are in inches.





Mating Face of Connector Signal Contact Dia "D" DIM. .055 MIN. .045 MIN.

.040 MIN.

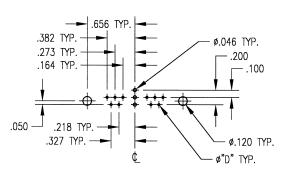
Viewed from component side of PCB Male footprint shown. Female footprint is mirrored.

.040 .030

.024



Right Angle Coax Contacts

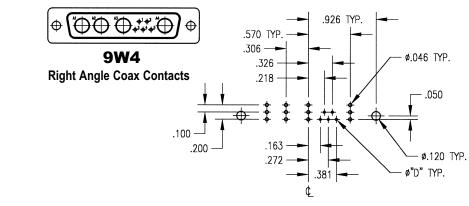


of Connector

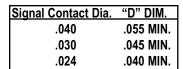
Mating Face

Signal Contact Dia.	"D" DIM.
.040	.055 MIN.
.030	.045 MIN.
.024	.040 MIN.

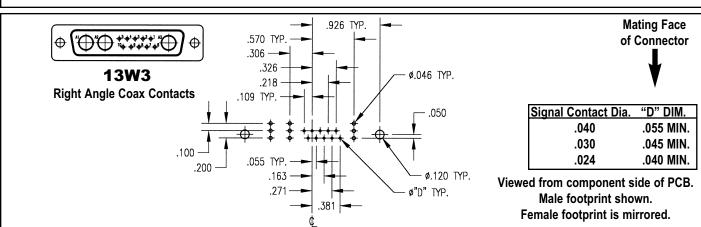
Viewed from component side of PCB. Male footprint shown. Female footprint is mirrored.



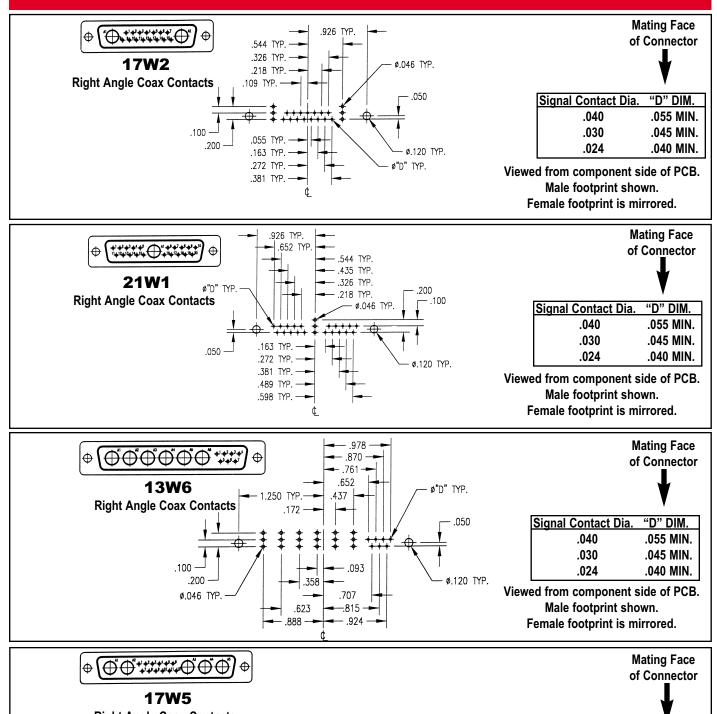


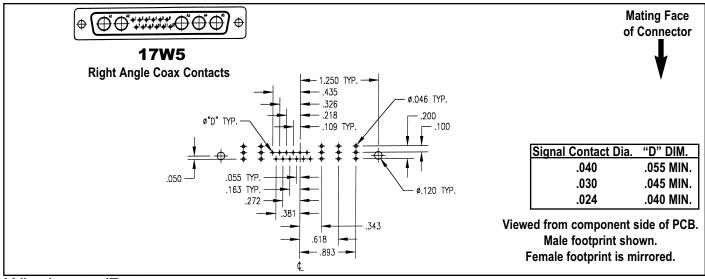


Viewed from component side of PCB. Male footprint shown. Female footprint is mirrored.

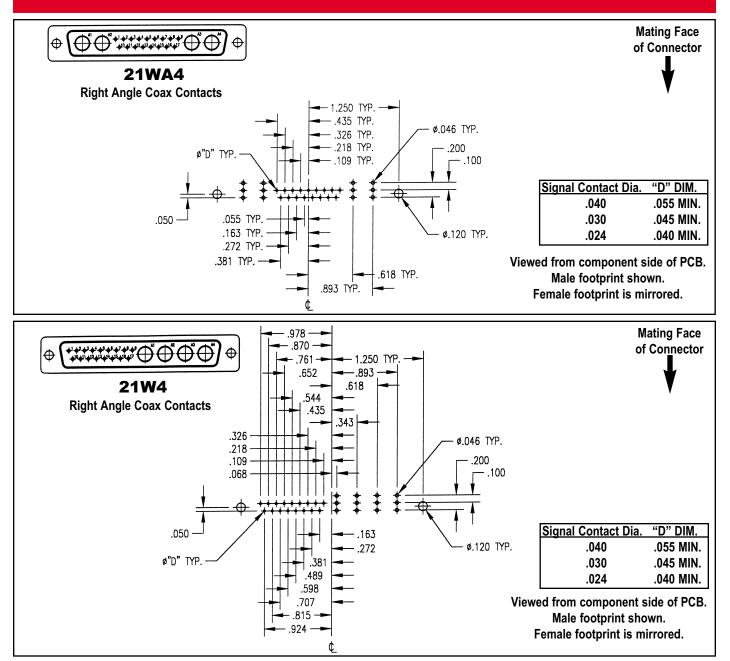


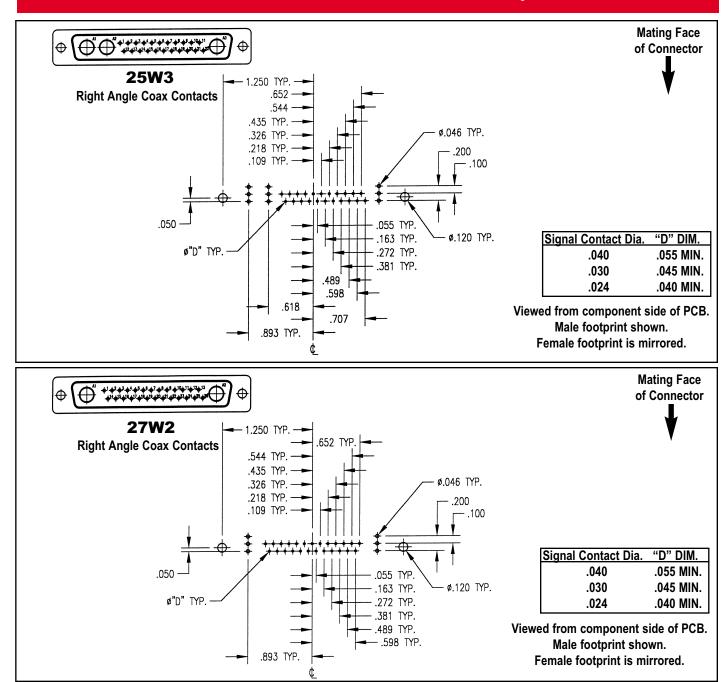
Dimensions shown are in inches.

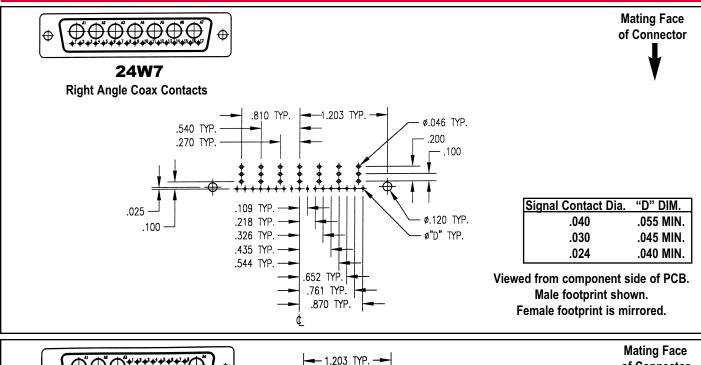


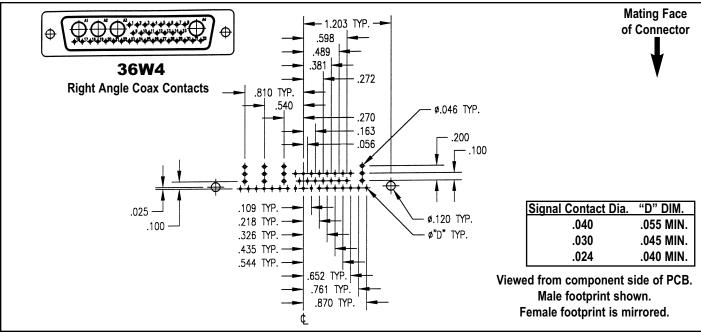


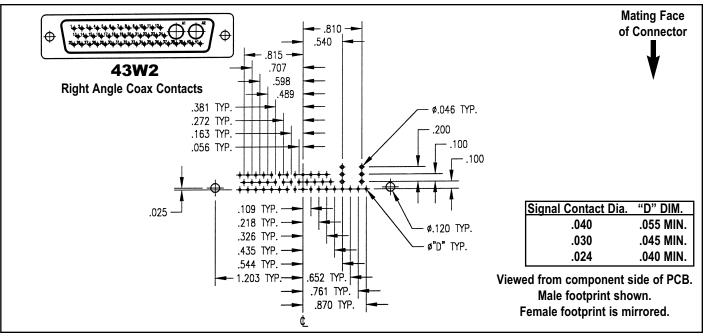
Winchester/Retconn

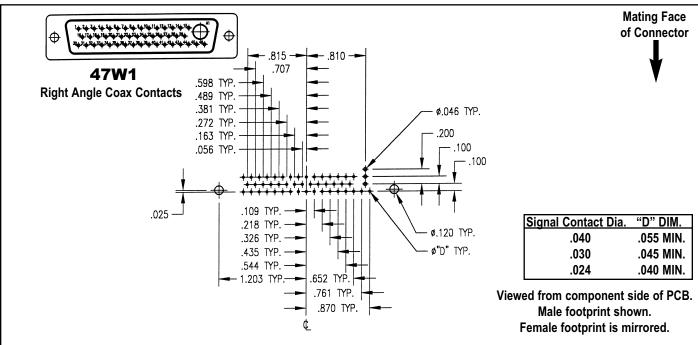


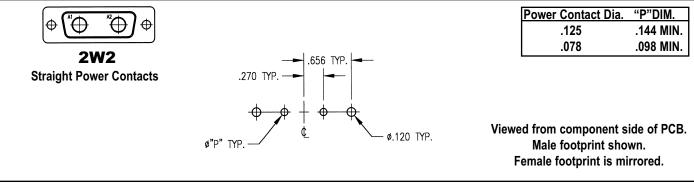


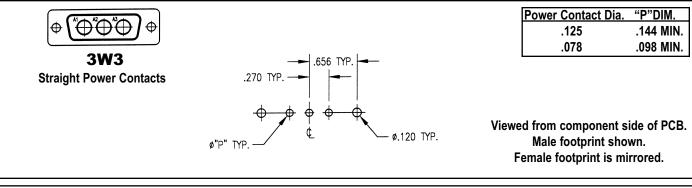


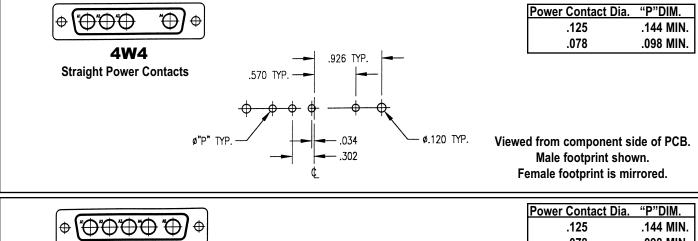


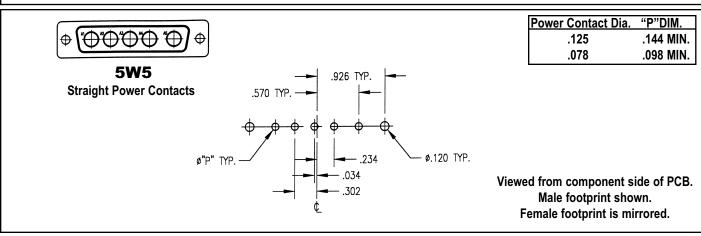


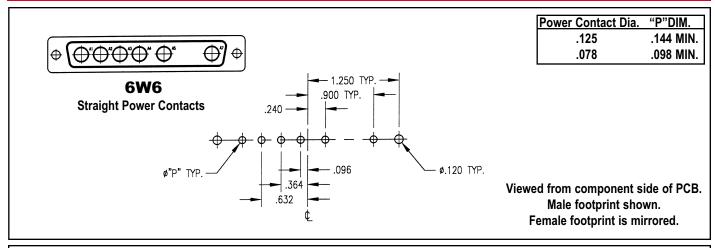


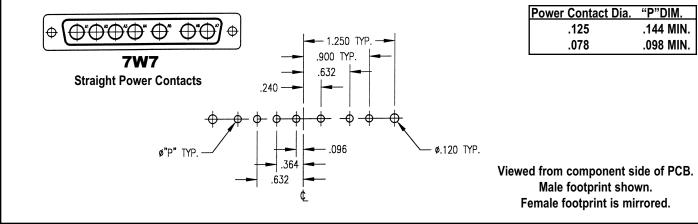


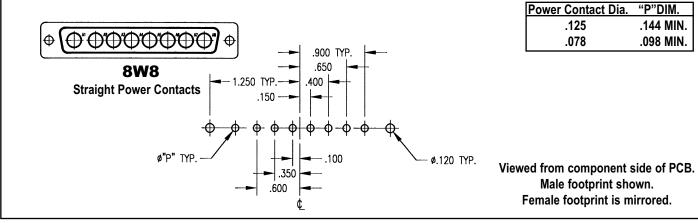








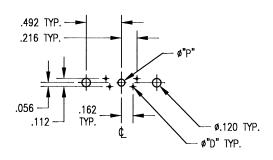






5W1

Straight Power Contacts



Signal Contact Dia.	"D"DIM.
.040	.055 MIN.
.030	.045 MIN.
.024	.040 MIN.

Power Contact Dia.	"P"DIM.
.125	.144 MIN.
.078	.098 MIN.

Viewed from component side of PCB.

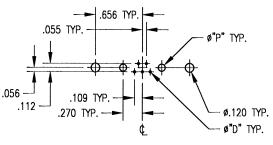
Male footprint shown.

Female footprint is mirrored.



7W2

Straight Power Contacts



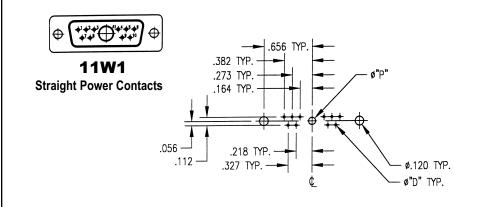
Signal Contact Dia.	"D"DIM.
.040	.055 MIN.
.030	.045 MIN.
.024	.040 MIN.

Power Contact Dia.	"P"DIM.
.125	.144 MIN.
.078	.098 MIN.

Viewed from component side of PCB.

Male footprint shown.

Female footprint is mirrored.



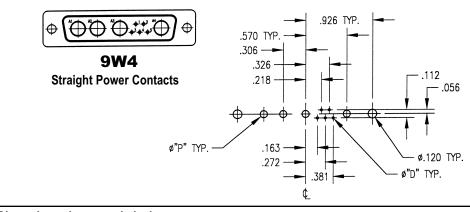
Signal Contact Dia.	"D"DIM.
.040	.055 MIN.
.030	.045 MIN.
.024	.040 MIN.

Power Contact Dia.	"P"DIM.
.125	.144 MIN.
.078	.098 MIN.

Viewed from component side of PCB.

Male footprint shown.

Female footprint is mirrored.



Signal Contact Dia.	"D"DIM.
.040	.055 MIN.
.030	.045 MIN.
.024	.040 MIN.

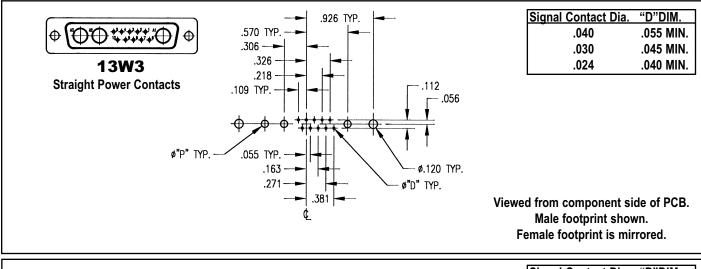
Power Contact Dia.	"P"DIM.
.125	.144 MIN.
.078	.098 MIN.

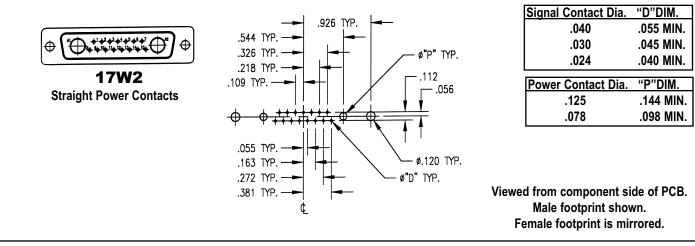
Viewed from component side of PCB.

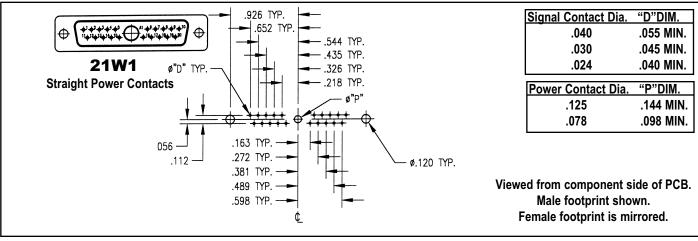
Male footprint shown.

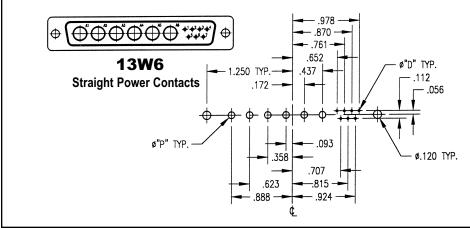
Female footprint is mirrored.

Dimensions shown are in inches.









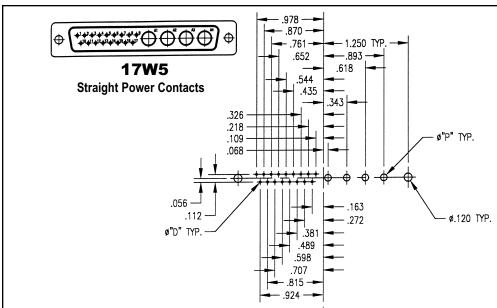
Signal Contact Dia.	"D"DIM.
.040	.055 MIN.
.030	.045 MIN.
.024	.040 MIN.

Power Contact Dia.	"P"DIM.
.125	.144 MIN.
.078	.098 MIN.

Viewed from component side of PCB.

Male footprint shown.

Female footprint is mirrored.



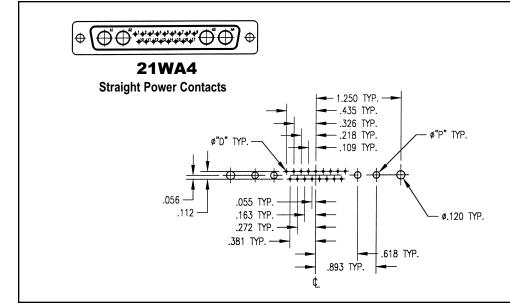
Signal Contact Dia.	"D"DIM.
.040	.055 MIN.
.030	.045 MIN.
.024	.040 MIN.

Power Contact Dia.	"P"DIM.
.125	.144 MIN.
.078	.098 MIN.

Viewed from component side of PCB.

Male footprint shown.

Female footprint is mirrored.



Signal Contact Dia.	"D"DIM.
.040	.055 MIN.
.030	.045 MIN.
.024	.040 MIN.

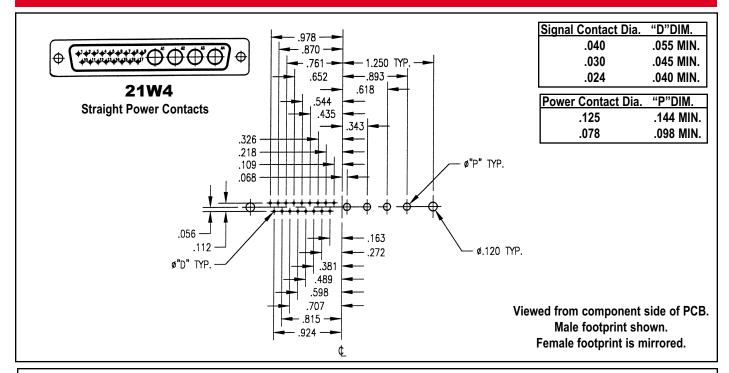
Power Contact Dia.	"P"DIM.
.125	.144 MIN.
.078	.098 MIN.

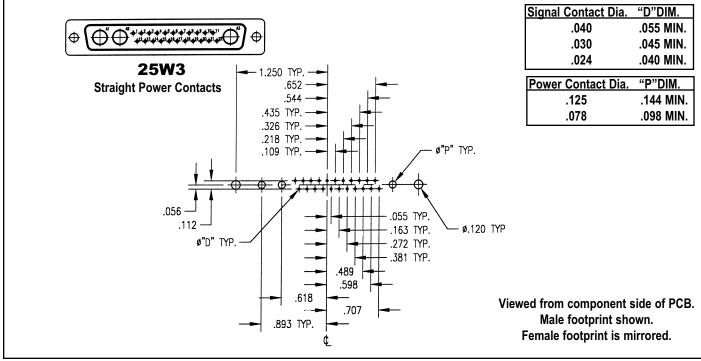
Viewed from component side of PCB.

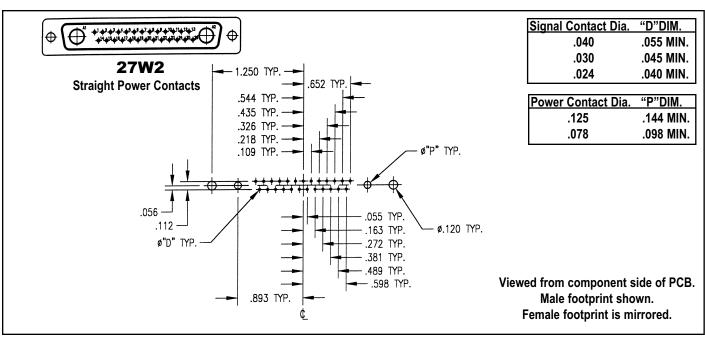
Male footprint shown.

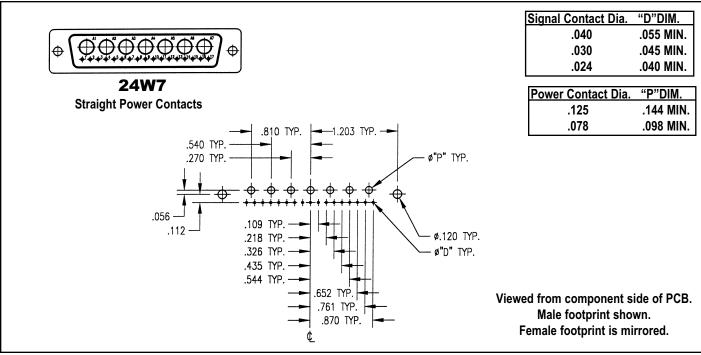
Female footprint is mirrored.

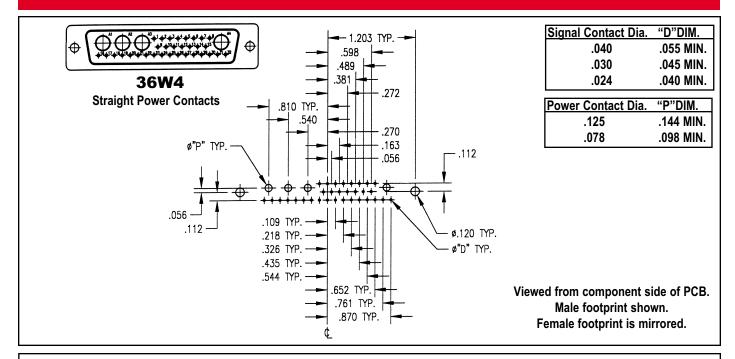
Dimensions shown are in inches.

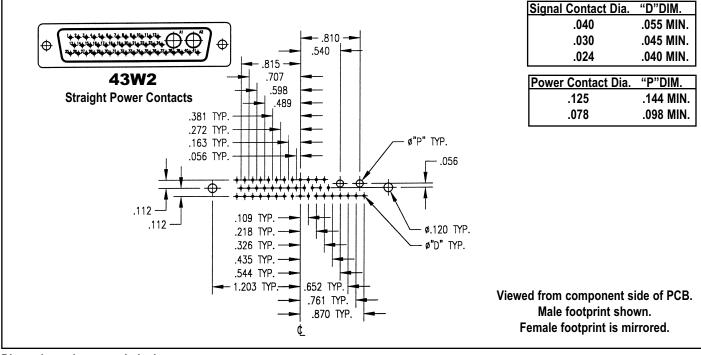


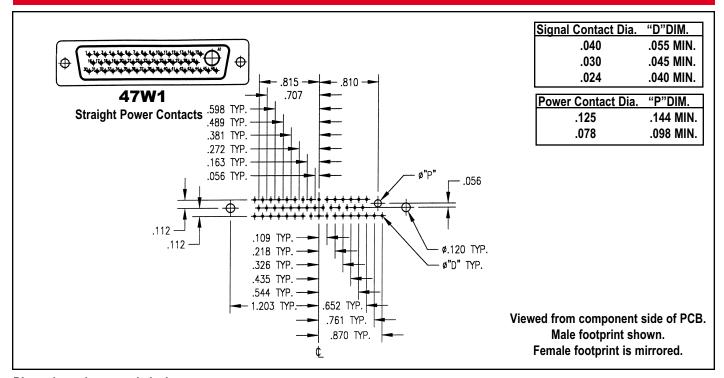


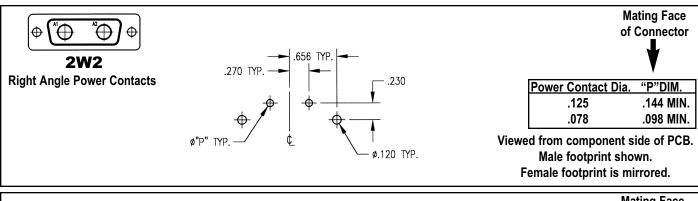


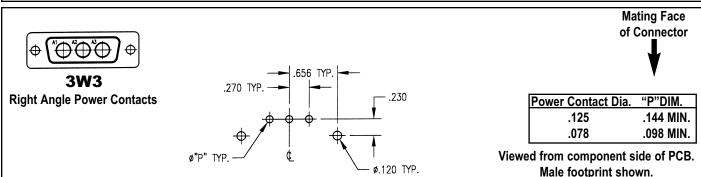


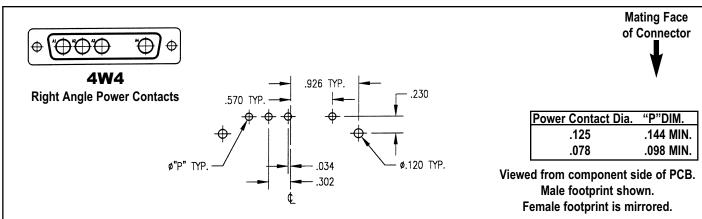


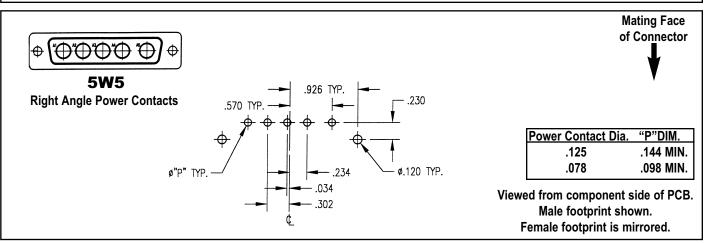






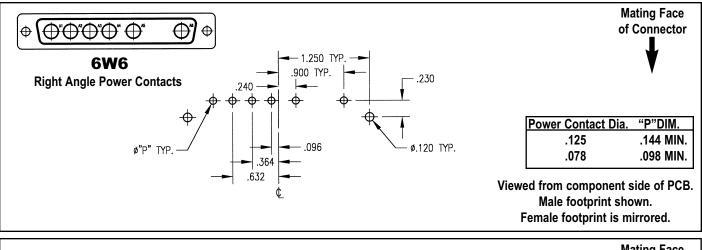


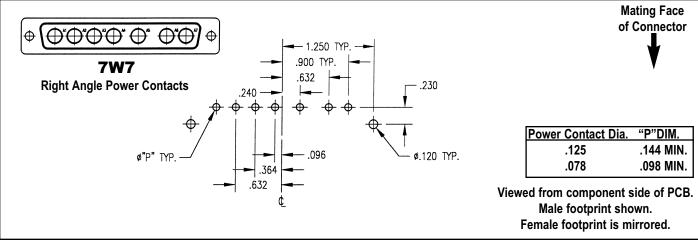


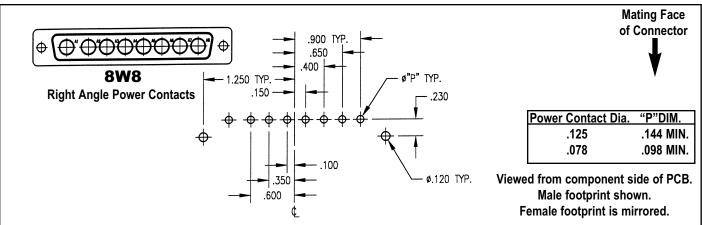


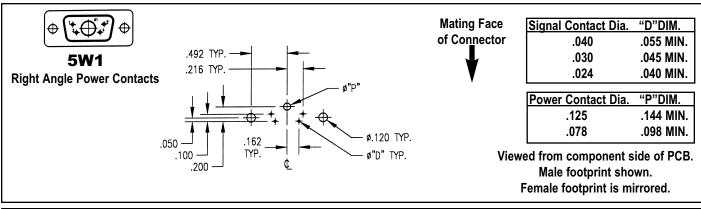
Dimensions shown are in inches.

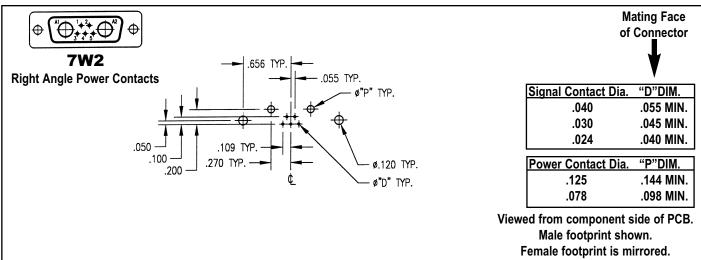
Female footprint is mirrored.

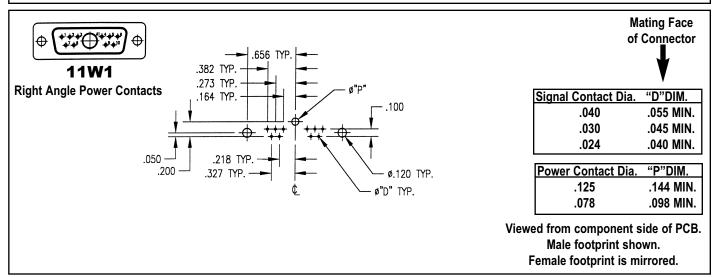


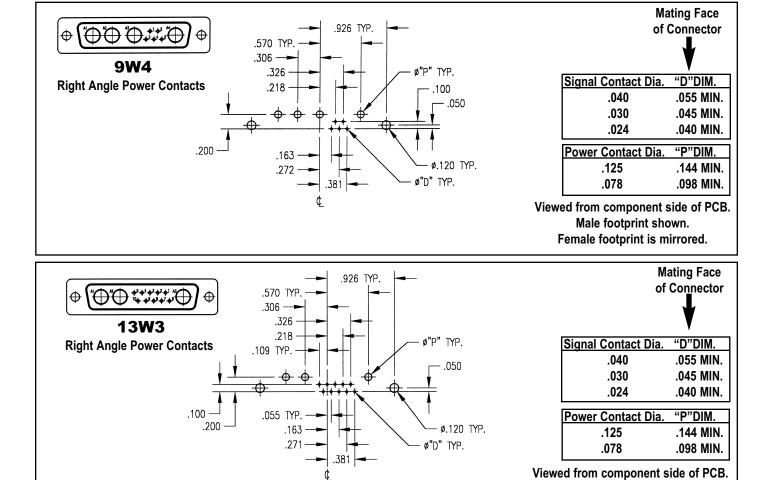




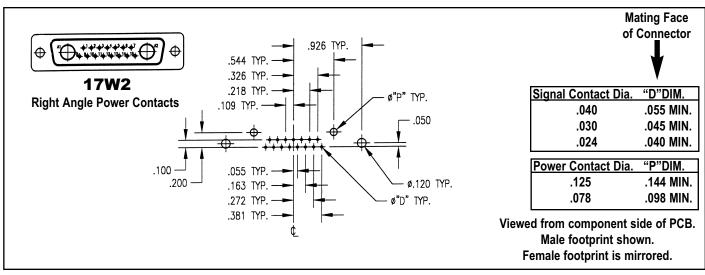


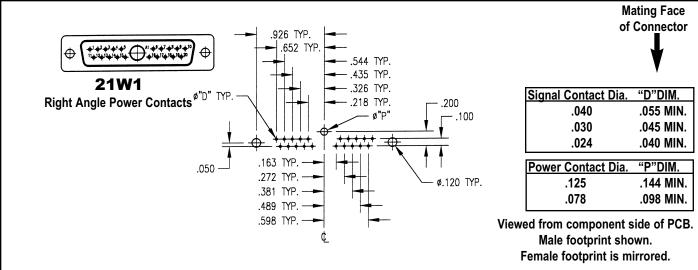


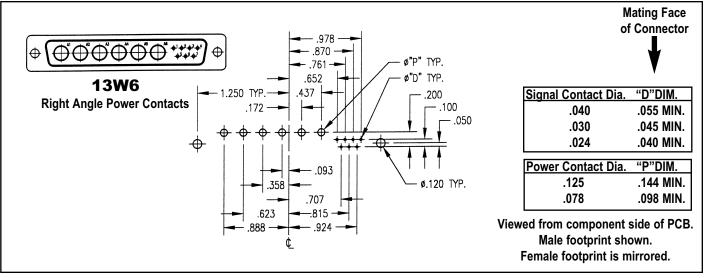


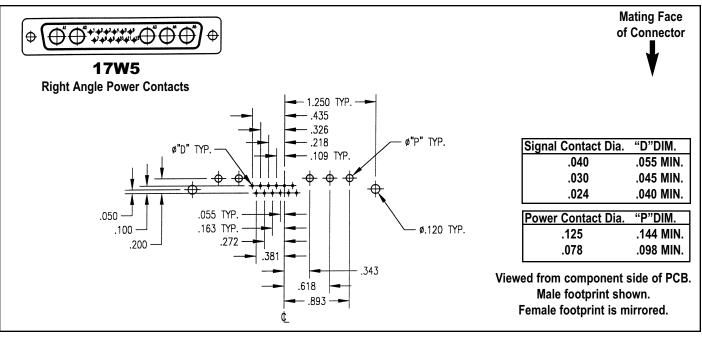


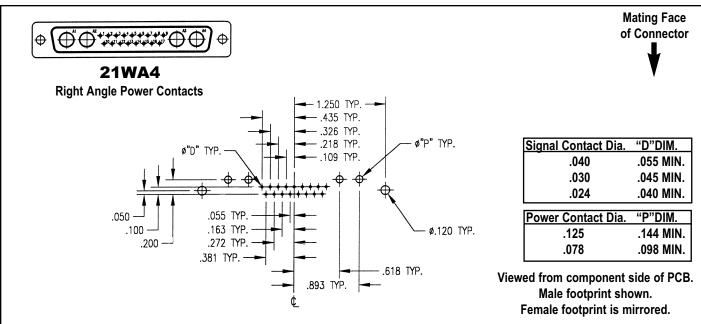
Male footprint shown. Female footprint is mirrored.



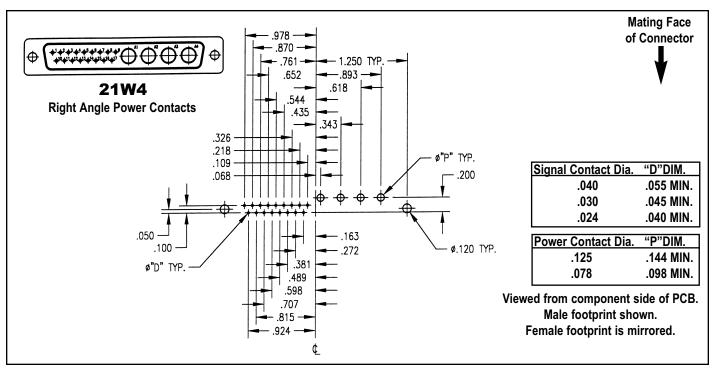


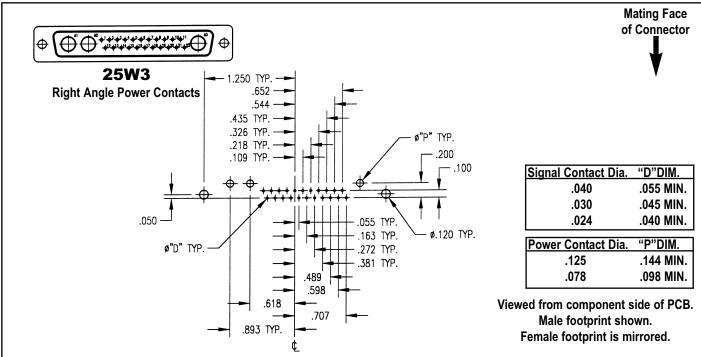




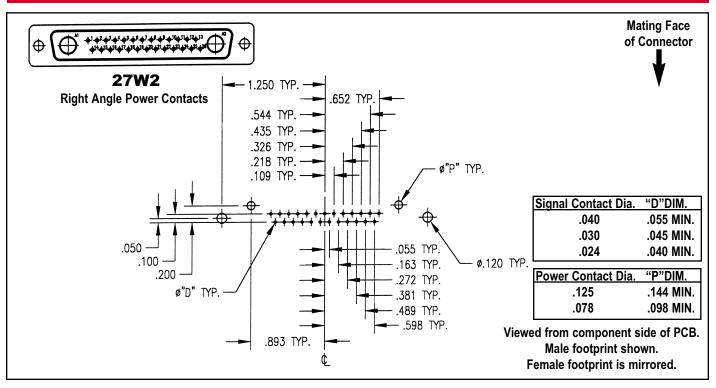


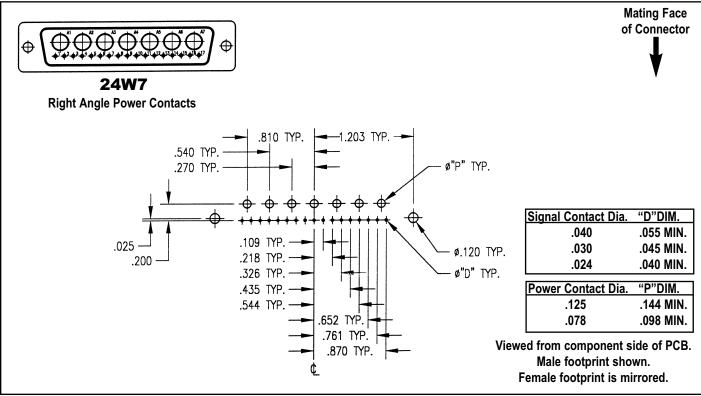
D- SUBMINIATURE CONNECTORS: Footprints



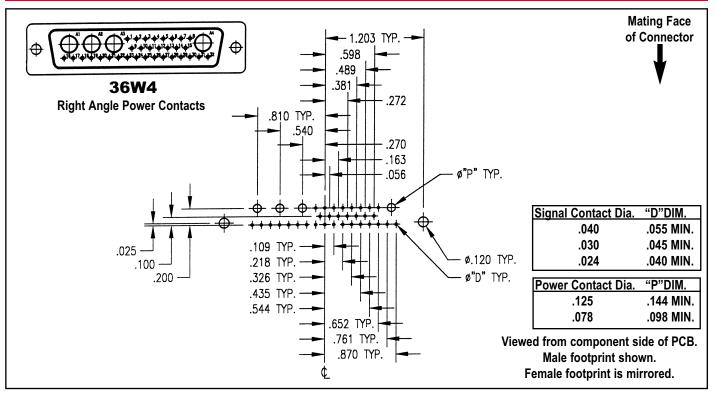


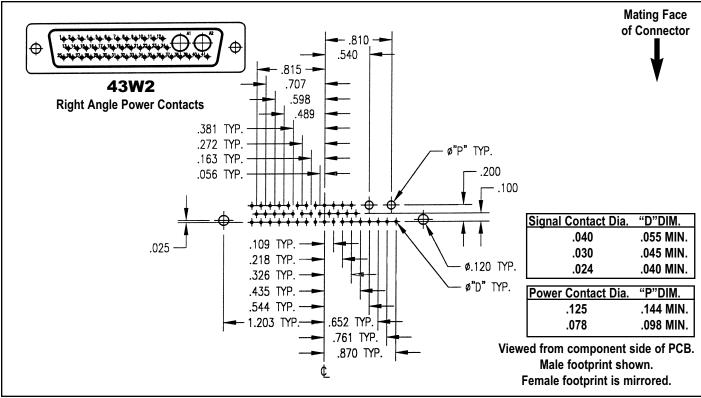
D-SUBMINIATURE CONNECTORS: Footprints



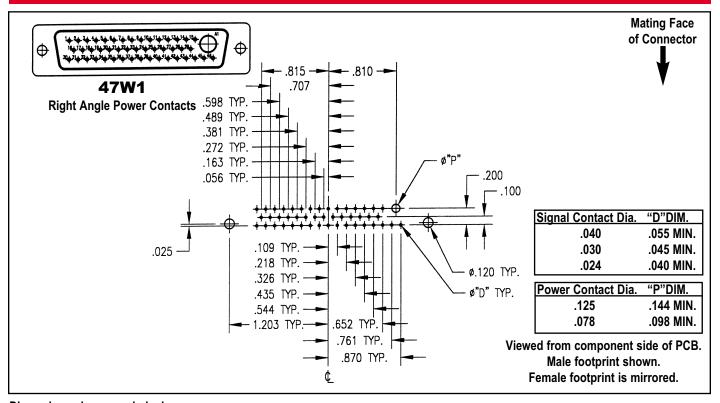


D-SUBMINIATURE CONNECTORS: Footprints

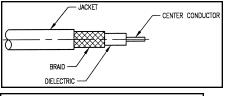




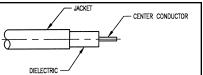
D-SUBMINIATURE CONNECORS: Footprints



CABLE REFERENCE TABLE

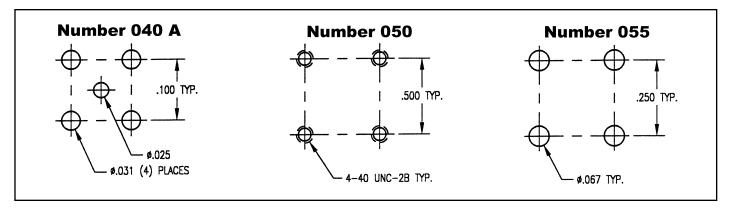


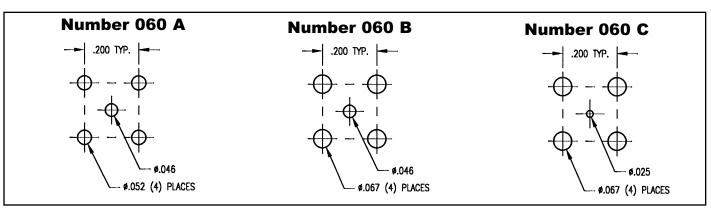
CABLE	CENTER	O.D.	O.D.	IMPEDANCE
	CONDUCTOR	DIELECTRIC	JACKET	(Ohms)
RG-402	.0359	.1175	.141	50
RG-405	.0201	.0658	.086	50

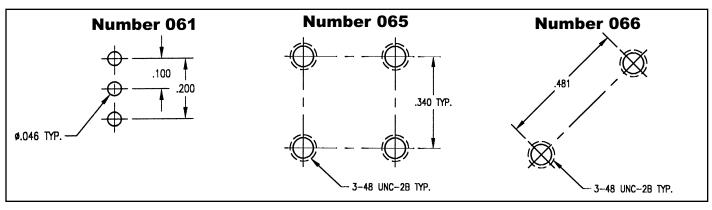


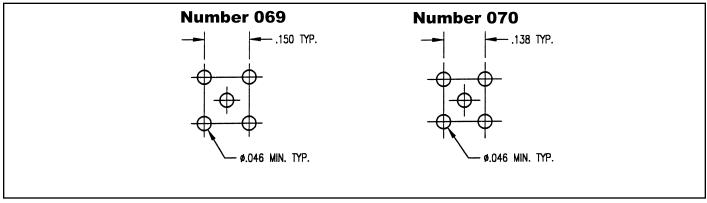
CABLE	CENTER	O.D.	O.D.	O.D.	IMPEDANCE
	CONDUCTOR	DIELECTRIC	SHIELD	JACKET	(Ohms)
RG-8A/U	.0285	.285	-	.405	50
RG-9B/U	.0285	.280		.420	50
RG-55	.032	.116	.176	.176	50
RG-58	.038	.116	.150	.150	50
RG-58A	.0071	.116	-	.195	50
RG-59	.023	.146	.191	.191	75
RG-62	.025	.146	.191	.191	93
RG-62A	.0253	.146	-	.242	93
RG-71	.025	.146	.208	.208	93
RG-140	.025	.146	.176	.176	75
RG-141	.039	.116	.146	.146	50
RG-141A	.0390	.116	-	.190	50
RG-142	.039	.116	.171	.171	50
RG-174	.019	.060	.080	.080	50
RG-178	.012	.034	.054	.054	50
RG-179	.012	.060	.084	.084	75
RG-179B/U	.0040	.063	-	.100	75
RG-180	.012	.102	.124	.124	95
RG-187	.012	.060	.084	.084	75
RG-187A/U	.0040	.060	-	.11	75
RG-188	.020	.060	.081	.081	50
RG-188A/U	.0067	.060	-	.110	50
RG-195	.012	.102	.124	.124	95
RG-196	.012	.034	.054	.054	50
RG-210/U	.0253	.146		.242	93
RG-213/U	.0296	.285	-	.405	50
RG-214/U	.0296	.285	-	.425	50
RG-223	.032	.116	.176	.176	50
RG-303	.039	.116	.146	.146	50
RG-316	.020	.060	.081	.081	50
RG-316 DS	.020	.060	.102	.102	50

MOUNTING HOLE LAYOUTS



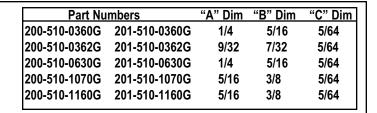


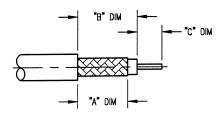




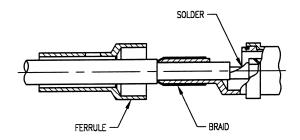
Dimensions shown are in inches.

Winchester/Retconn

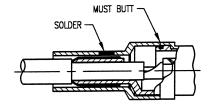




1. TRIM CABLE TO DIMENSIONS SHOWN. TIN THE CENTER CONDUCTOR.

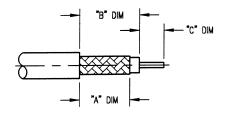


 SLIDE FERRULE OVER JACKET. FLAIR BRAID. INSERT CABLE INTO BODY. CENTER CONDUCTOR MUST ENTER HOLE IN CONTACT. SOLDER CONDUCTOR TO CONTACT THROUGH SLOT IN BODY. CLEAN.

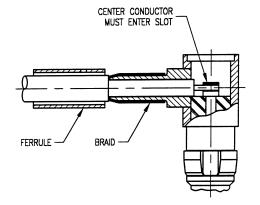


3. SLIDE FERRULE OVER BRAID UP TO THE SHOULDER OF BODY. SOLDER BRAID THROUGH HOLE IN FERRULE. CLEAN.

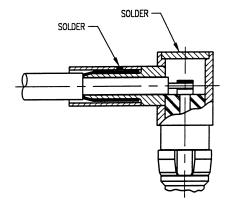
Part Numbers		"A" Dim	"B" Dim	"C" Dim
202-510-0360G	203-510-0360G	15/64	3/8	1/16
202-510-0630G	203-510-0630G	15/64	3/8	1/16
202-510-1070G	203-510-1070G	5/16	27/64	3/32
202-510-1160G	203-510-1160G	5/16	27/64	3/32



 TRIM CABLE TO DIMENSIONS SHOWN. TIN THE CENTER CONDUCTOR.

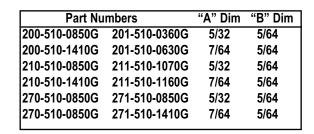


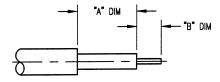
2. SLIDE FERRULE OVER JACKET. FLAIR BRAID. INSERT CABLE INTO BODY. CENTER CONDUCTOR MUST ENTER SLOT IN CONTACT. SOLDER CONTACT. CLEAN.



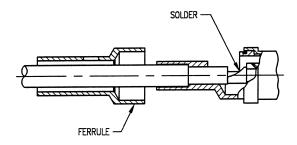
3. SLIDE FERRULE OVER BRAID UP TO THE SHOULDER OF BODY. SOLDER BRAID THROUGH HOLE IN FERRULE. CLEAN.

4. SOLDER CAP INTO BODY.

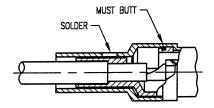




1. TRIM CABLE TO DIMENSIONS SHOWN. DO NOT NICK THE CENTER CONDUCTOR.

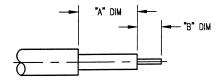


 SLIDE FERRULE OVER JACKET. INSERT CABLE INTO BODY. CENTER CONDUCTOR MUST ENTER HOLE IN CONTACT. SOLDER CONDUCTOR TO CONTACT THROUGH SLOT IN BODY. CLEAN.

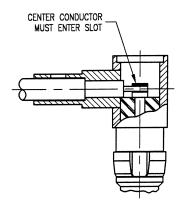


3. SLIDE FERRULE FORWARD UP TO THE SHOULDER OF BODY. SOLDER THROUGH HOLE IN FERRULE. CLEAN.

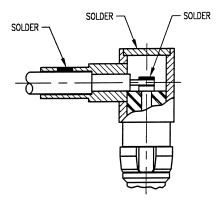
Part Nu	"A" Dim	"B" Dim	
202-510-0360G	203-510-0360G	5/32	3/32
202-510-0630G	203-510-0630G	7/64	3/32
212-510-1070G	203-510-1070G	5/32	3/32
212-510-1160G	203-510-1160G	7/64	3/32
272-510-0850G	273-510-0850G	5/32	3/32
272-510-1410G	273-510-1410G	7/64	3/32



1. TRIM CABLE TO DIMENSIONS SHOWN. DO NOT NICK THE CENTER CONDUCTOR.

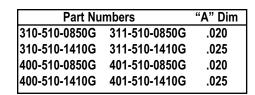


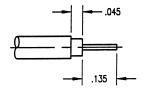
2. INSERT CABLE INTO BODY UNTIL IT BUTTS. CENTER CONDUCTOR MUST ENTER SLOT OF CONTACT.



3. SOLDER CABLE JACKET INTO BODY.

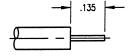
4. SOLDER CENTER CONDUCTOR OF CABLE INTO SLOT OF CONTACT. SOLDER CAP INTO BODY.



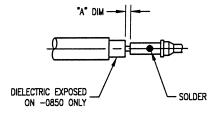


CABLE TRIM FOR 310-510-0850/311-510-0850 400-510-0850/401-510-0850

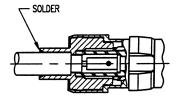
 TRIM CABLE TO DIMENSIONS SHOWN. DO NOT NICK THE CENTER CONDUCTOR.



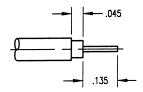
CABLE TRIM FOR 310-510-1410/311-510-1410 400-510-1410/401-510-1410



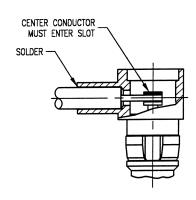
2. SOLDER CONTACT TO CENTER CONDUCTOR THROUGH THE HOLE IN THE CONTACT. SET GAP AS SHOWN.



3. INSERT CENTER CONTACT INTO BODY UNTIL IT SNAPS INTO THE INSULATOR. SOLDER JACKET OF CABLE TO THE BODY.

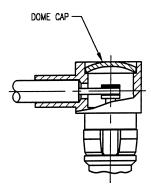


 TRIM CABLE TO DIMENSIONS SHOWN. DO NOT NICK THE CENTER CONDUCTOR.

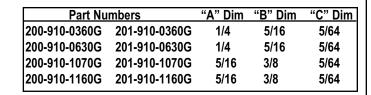


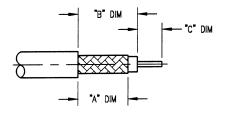
2. INSERT CABLE INTO BODY UNTIL IT BUTTS. CENTER CONDUCTOR MUST ENTER SLOT OF CONTACT.

3. SOLDER CABLE JACKET INTO BODY.

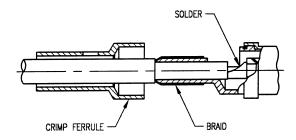


4. SOLDER CENTER CONDUCTOR OF CABLE INTO SLOT OF CONTACT. PLACE CAP IN BODY WITH DOME UP AND PRESS OR DIMPLE CAP.

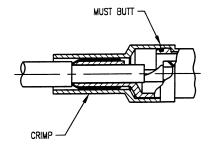




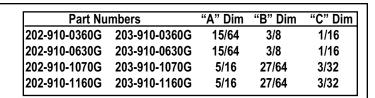
 TRIM CABLE TO DIMENSIONS SHOWN. TIN THE CENTER CONDUCTOR.

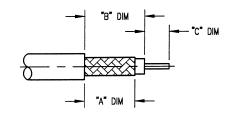


2. SLIDE FERRULE OVER JACKET. FLAIR BRAID. INSERT CABLE INTO BODY. CENTER CONDUCTOR MUST ENTER HOLE IN CONTACT. SOLDER CONDUCTOR TO CONTACT THROUGH SLOT IN BODY. CLEAN.

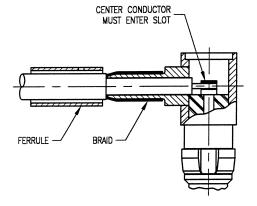


3. SLIDE FERRULE OVER BRAID UP TO THE SHOULDER OF BODY. CRIMP FERRULE TO RETAIN BRAID.

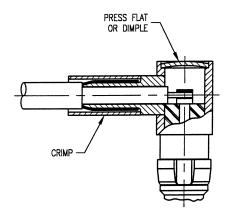




 TRIM CABLE TO DIMENSIONS SHOWN. TIN THE CENTER CONDUCTOR.

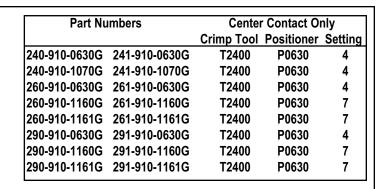


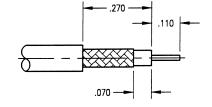
2. SLIDE FERRULE OVER JACKET. FLAIR BRAID. INSERT CABLE INTO BODY. CENTER CONDUCTOR MUST ENTER SLOT IN CONTACT. SOLDER CONTACT. CLEAN.



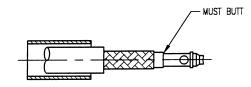
3. SLIDE FERRULE OVER BRAID UP TO THE SHOULDER OF BODY. CRIMP FERRULE TO RETAIN BRAID.

4. PLACE DOME CAP INTO BODY AND PRESS FLAT OR DIMPLE.

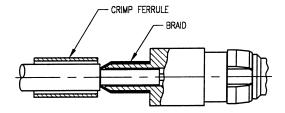




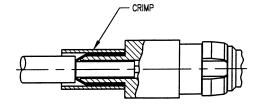
 TRIM CABLE TO DIMENSIONS SHOWN. TIN THE CENTER CONDUCTOR.



2. SLIDE FERRULE OVER JACKET. PLACE CENTER CONTACT INTO POSITIONER. INSERT CENTER CONDUCTOR OF CABLE INTO CONTACT. DIELECTRIC OF CABLE MUST BUTT AGAINST CONTACT. CRIMP. SEE TABLE FOR POSITIONER AND SETTING.

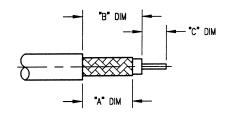


3. FLAIR BRAID. INSERT CENTER CONTACT INTO BODY.

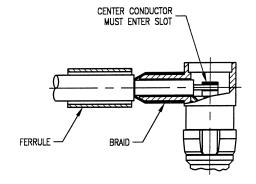


4. SLIDE FERRULE OVER BRAID UP TO THE SHOULDER OF BODY. CRIMP FERRULE TO RETAIN BRAID.

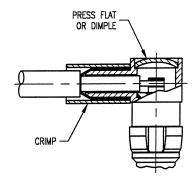
Part Nu	mbers	"A" Dim	"B" Dim	Ferrule Hex. Size
312-910-0630G	313-910-0630G	.234	.312	.128
312-910-0631G	313-910-0631G	.234	.312	.151
312-910-1160G	313-910-1160G	.312	.375	.213
312-910-1161G	313-910-1161G	.312	.375	.213



1. TRIM CABLE TO DIMENSIONS SHOWN. TIN THE CENTER CONDUCTOR.



 SLIDE FERRULE OVER JACKET. FLAIR BRAID. INSERT CABLE INTO BODY. CENTER CONDUCTOR MUST ENTER SLOT IN CONTACT. SOLDER CONTACT. CLEAN.



 SLIDE FERRULE OVER BRAID UP TO THE SHOULDER OF BODY. CRIMP FERRULE TO RETAIN BRAID. SEE TABLE FOR HEX SIZES.

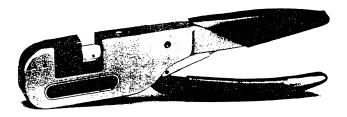
4. PLACE DOME CAP INTO BODY AND PRESS FLAT OR DIMPLE.

Dimensions shown are in inches.

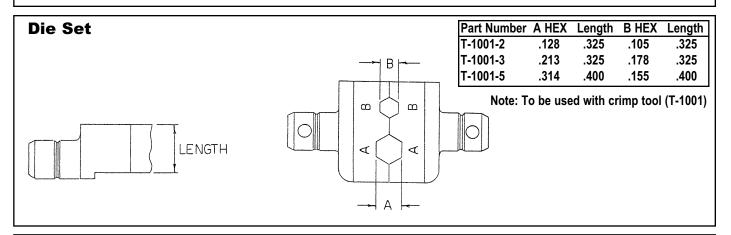
Winchester/Retconn

Connector Tools

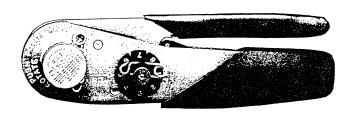




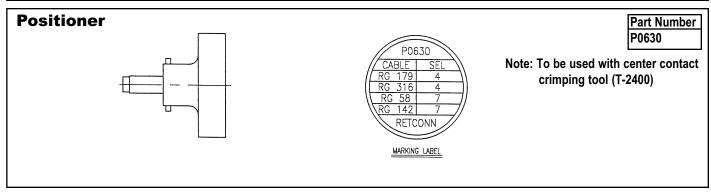
Part Number T-1001



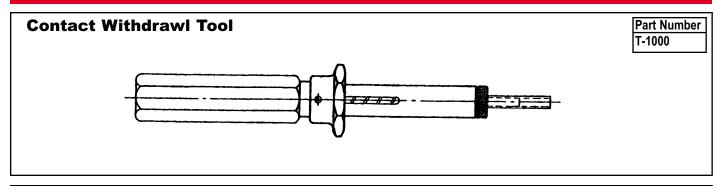


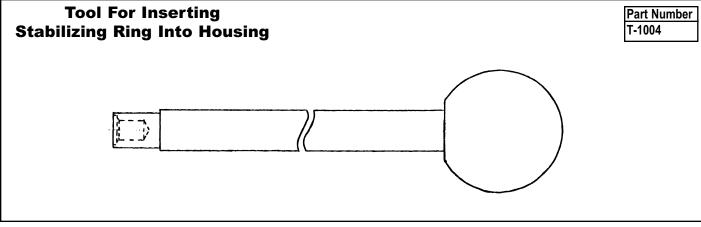


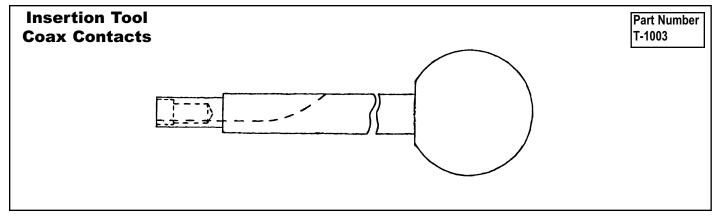
Part Number T-2400



Connector Tools







Other Product Offerings

C-Press®

Winchester press-fit compliant pin connectors

- D-Subs standard and hybrid
- ·Headers-IDC, strip, power
- ■Telecom plastic and metal
- Coax 50 and 70 Ohm power terminals
- Cardedge
- Contacts reels and strips
- Industry standard high density L-Series
- ■Modular high density HD+TM
- DIN 41612 Standard, Inverse, Hybrid
- ■Right angle press-fit
- Guided DIN
- ■Switching DIN

Standard PCB Connectors

Solder type

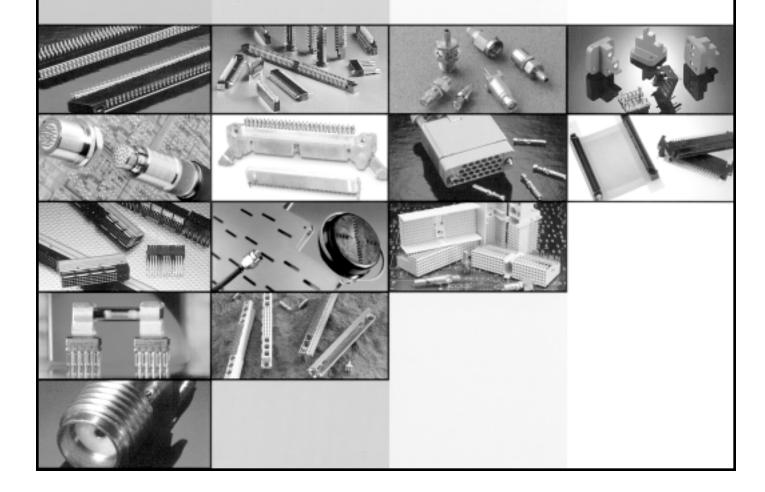
- D-Subs right angle, straight, hybrid
- ·DIN Standard, inverse, hybrid
- Rack & Panel rectangular, round, miniature, subminiature
- V.35 right angle, straight, high or low profile
- ■Headers IDC type
- ■MIL-C-55302
- Two piece cardedge
- MetCon™ 1&2, 2mm high density
- RF Coaxial Connectors

Standard Cable Type Connectors

- ■D-Subs IDC
- Rack & Panel Crimp, V.35, MIL-C-28748, MIL-C-39029, hybrid
- RF Coaxial Connectors

Unique Products

- Metalized plastic connectors
- USECO terminals, hardware, terminal boards and more!
- Wireless LAN Antennas
- Interconnect Filtering -Inexpensive EMI filtering of most connectors
- A variety of Rack & Panel cable to cable, PCB to PCB, Cable to PCB
- A variety of Power Connectors



Other Product Offerings

The following list of questions will help define your requirements for additional information on our product offerings Our **Customer Information Products Customer Name** are limited Address City State only by your Contact Name Telephone Fax imagination ☐ Please have a Winchester Electronics Representative Call. **Product Offerings** For specific product information, check box next to the product description. C-Press® **Standard PCB Connectors** Winchester's press-fit Solder type compliant pin connectors ☐ D-Subs - right angle, straight, hybrid D-Subs - standard and hybrid ☐ DIN - Standard, inverse, hybrid ☐ Headers-IDC, strip, power ☐ Rack & Panel - rectangular, round, ☐ Telecom plastic and metal miniature, subminiature Coax - 50 and 70 Ohm power terminals \square V.35 - right angle, straight, high or ☐ Cardedge low profile ☐ Headers - IDC type ☐ Contacts - reels and strips ☐ MIL-C-55302 ☐ Industry standard high density L-Series ☐ Two piece cardedge ☐ Modular high density HD+™ ☐ MetCon™ 1&2, 2mm high density ☐ DIN 41612 Standard, Inverse, Hybrid ☐ RF Coaxial Connectors Right angle press-fit **Unique Products** ☐ Guided DIN ☐ Switching DIN ☐ Metalized plastic connectors **Standard Cable Type** [] USECO - terminals, hardware, terminal boards and more! **Connectors** ☐ Wireless LAN Antennas D-Subs - IDC ☐ Interconnect Filtering - Inexpensive EMI Rack & Panel - Crimp, V.35, filtering of most connectors MIL-C-28748, MIL-C-39029, hybrid ☐ A variety of Rack & Panel - cable to cable. RF Coaxial Connectors PCB to PCB, Cable to PCB ☐ A variety of Power Connectors

Winchester/Retconn

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