

8FLT/8FT/8FD Series Description

- Widely used in industrial, military and aeronautical applications.
- Suitable for severe operating conditions.
- Based on standard specifications:
 - MIL-C-38999 Series 1
 - MIL-C-38999 Series 2
 - MIL-C-38999 Series 3

Materials and Finishes

	Materials	Finishes
Shells:	Aluminum Alloy	Olive Green Cadmium or Nickel Plate
Insulators:	Thermoplastic	None
O Rings:	Fluoro-Silicone Rubber	None
Contacts:	Copper Alloy (machined)	.000050 gold min. over .000080 nickel min.

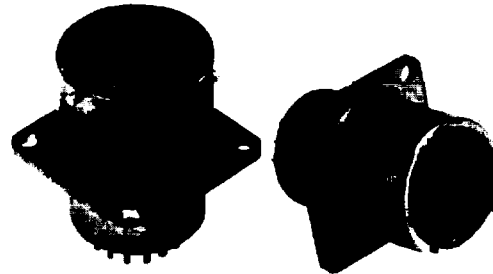
Environmental Characteristics

Temperature	- 55°C - 125°C	MIL-STD 1344, METHOD 1003, CONDITION A
Salt Spray	48h - G&F Plating: 500h - B Plating	MIL-STD 1344, METHOD 1001
Durability	500 cycles	Mating/Unmating
Vibration	20g	MIL-STD 1344, METHOD 2005
Shock	100g - 6ms	MIL-STD 1344, METHOD 2004
Humidity	10 cycles 24h 56 days	MIL-STD 1344, METHOD 1002, TYPE II, EXCEPT STEP 7b
Sealing	Leakage less than or equal to 16cm ³ /h	Mated Connectors with Differential Pressure of 2 Bars

Electrical and Filter Characteristics

	Capacitive Filter		Pi-Filter						
	Size 16 & 20 Contacts	Size 22 Contacts	Size 16 & 20 Contacts		Size 22 Contacts				
Max. voltage rating	200Vdc-120Vac rms 400 Hz	100Vdc-60Vac rms 400 Hz	200Vdc-120Vac rms 400 Hz	200Vdc-120Vac rms 400 Hz	200Vdc-120Vac rms 400 Hz	200Vdc-120Vac rms 400 Hz			
Max. current rating	7.5 A	5 A	7.5 A	7.5 A	5 A	5 A			
Insulation resistance 25°C. 2mn electrification time	> 5000 M Ω (under 100 Vdc)	> 500 M Ω (under 100 Vdc)	> 5000 M Ω (under 100 Vdc)	> 5000 M Ω (under 100 Vdc)	> 5000 M Ω (under 100 Vdc)	> 5000 M Ω (under 100 Vdc)			
DWV, sea level 25°C, 50 mA max. charge/discharge	500 Vdc	250 Vdc	500 Vdc	500 Vdc	500 Vdc	500 Vdc			
Contact resistance	7.5 m Ω max.	7.5 m Ω max.	7.5 m Ω max.	7.5 m Ω max.	7.5 m Ω max.	7.5 m Ω max.			
Max. R.F. current	0.250 A	0.250 A	0.250 A	0.250 A	0.250 A	0.250 A			
Filter designation	B	B	M	T	H	M T H			
Capacitance (pF) at 1 kHz. 0.1 Vrms at 25°C	100000	50000	6000 to 12000	2300 to 5000	500 to 1300	4000 to 12000	2000 to 5000		
Max. Cut-off Frequency at 3 dB (MHZ)	0.1	0.2	2	3	15	2	4	15	
Attenuation per MIL-STD-220 at 25°C (with no applied voltage or current, in 50 Ω system)	Frequency (MHz)	Minimum Attenuation (dB)		Minimum Attenuation (dB)					
	0.1	4							
	0.3	11	5						
	1	22	15	2					
	3	29	24	7	3	5	2		
	10	38	33	20	10	2	13	8	2
	30	44	42	35	22	10	30	20	8
	100	50	50	55	50	25	50	41	24
300	50	50	60	55	40	55	55	40	
1000	50	50	60	55	50	55	55	50	

Attenuation Curves: see page 4 for typical performance



Ordering Information

8FLT 00 — 13 G 35 P N M — ***

SERIES _____
8FLT: MIL-C-38999 Series 1
8FT: MIL-C-38999 Series 2
8FD: MIL-C-38999 Series 3

SHELL TYPE _____
00: square flange receptable
03: square flange receptable (rear mounting) Series 1 & 2
07: jam nut receptable

TERMINATION _____
 —: solder cup, C: straight pc

SHELL SIZE _____
Series 1: 09-11-13-15-17-19-21-23-25
Series 2: 08-10-12-14-16-18-20-22-24
Series 3: 09-11-13-15-17-19-21-23-25

PLATING _____
G: olive green cadmium (standard) Series 1 & 2
B: olive green cadmium (500h salt spray) Series 1 & 2
F: nickel
W: olive green cadmium (500h salt spray) Series 3 only

CONTACT ARRANGEMENT see page 20 for layouts

CONTACT TYPE **P:** pin, **S:** socket

ORIENTATION _____
N-A-B-C-D Series 1 & 2, **N-A-B-C-D-E** Series 3

FILTER TYPE _____
B: capacitive filter, **M-T-H:** pi filter

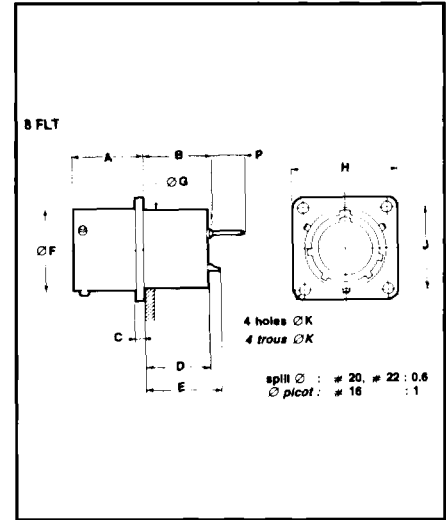
MANDATORY DASH (when special modification used) _____

SPECIAL MODIFIERS _____
 • partially loaded filter connector (with grounded or non-filtered contact)
 • connector with different types of filters
 • select pin grounded (consult factory)



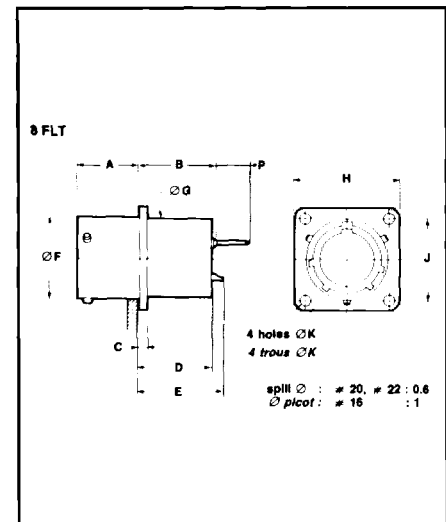
Square flange receptacle, front mounting, 00 type

Shell inches (mm)	09	11	13	15	17	19	21	23	25
A Max	.720 (18.29)	.720 (18.29)	.720 (18.29)	.720 (18.29)	.720 (18.29)	.720 (18.29)	.720 (18.29)	.720 (18.29)	.720 (18.29)
B +0 -0.040 (-1.00)	#16 .879 (22.35)	.879 (22.35)	.879 (22.35)	.879 (22.35)	.879 (22.35)	.879 (22.35)	.879 (22.35)	.879 (22.35)	.879 (22.35)
	#20 .817 (20.75)	.817 (20.75)	.817 (20.75)	.817 (20.75)	.817 (20.75)	.817 (20.75)	.817 (20.75)	.817 (20.75)	.817 (20.75)
C +.004 (+0.10) -0	.086 (2.19)	.086 (2.19)	.086 (2.19)	.086 (2.19)	.086 (2.19)	.086 (2.19)	.116 (2.95)	.116 (2.95)	.116 (2.95)
D +.004 (+0.10) -0	.750 (19.05)	.750 (19.05)	.750 (19.05)	.750 (19.05)	.750 (19.05)	.750 (19.05)	.750 (19.05)	.750 (19.05)	.750 (19.05)
E +0 -0.040 (-1.00)	.892 (22.60)	.892 (22.60)	.892 (22.60)	.892 (22.60)	.892 (22.60)	.892 (22.60)	.892 (22.60)	.892 (22.60)	.892 (22.60)
Ø F Max	.572 (14.53)	.700 (17.78)	.850 (21.59)	.975 (24.77)	1.10 (27.94)	1.21 (30.66)	1.33 (33.83)	1.46 (37.00)	1.58 (40.18)
Ø G Max	.454 (11.55)	.573 (14.55)	.738 (18.75)	.862 (21.90)	.984 (25.00)	1.06 (26.85)	1.19 (30.15)	1.31 (33.35)	1.42 (35.95)
H ± 0.10 (± 0.25)	.943 (23.95)	1.04 (26.35)	1.13 (28.75)	1.22 (31.10)	1.32 (33.45)	1.44 (36.65)	1.57 (39.85)	1.63 (43.00)	1.82 (46.25)
J	.719 (18.26)	.812 (20.62)	.906 (23.01)	.969 (24.61)	1.06 (26.97)	1.16 (29.36)	1.25 (31.75)	1.38 (34.93)	1.50 (38.10)
K + 0.10 (+0.25) - 0.05 (-0.13)	.128 (3.25)	.128 (3.25)	.128 (3.25)	.128 (3.25)	.128 (3.25)	.128 (3.25)	.128 (3.25)	.147 (3.73)	.147 (3.73)
P ± 0.04 (± 0.10)	#16 .220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)
	#20 .283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)



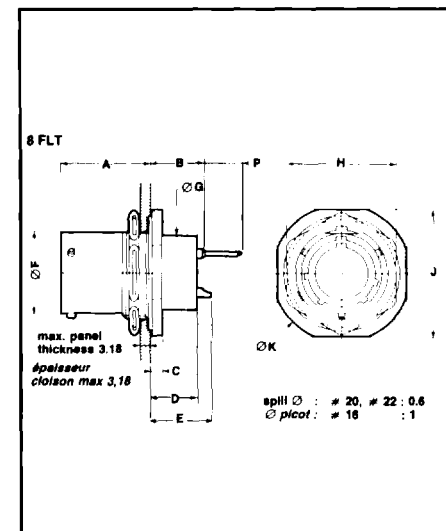
Square flange receptacle, rear mounting, 03 type

Shell inches (mm)	09	11	13	15	17	19	21	23	25
A Max	.820 (20.83)	.820 (20.83)	.820 (20.83)	.820 (20.83)	.820 (20.83)	.820 (20.83)	.790 (20.07)	.790 (20.07)	.790 (20.07)
B +0 -0.035 (-0.90)	#16 .778 (19.75)	.778 (19.75)	.778 (19.75)	.778 (19.75)	.778 (19.75)	.778 (19.75)	.803 (20.40)	.803 (20.40)	.803 (20.40)
	#20 .715 (18.15)	.715 (18.15)	.715 (18.15)	.715 (18.15)	.715 (18.15)	.715 (18.15)	.740 (18.80)	.740 (18.80)	.740 (18.80)
C +.004 (+0.10) -0	.086 (2.19)	.086 (2.19)	.086 (2.19)	.086 (2.19)	.086 (2.19)	.086 (2.19)	.116 (2.95)	.116 (2.95)	.116 (2.95)
D +0 -0.006 (-0.15)	.653 (16.60)	.653 (16.60)	.653 (16.60)	.653 (16.60)	.653 (16.60)	.653 (16.60)	.683 (17.35)	.683 (17.35)	.683 (17.35)
E +0 -0.035 (-0.90)	.787 (20.00)	.787 (20.00)	.787 (20.00)	.787 (20.00)	.787 (20.00)	.787 (20.00)	.813 (20.65)	.813 (20.65)	.813 (20.65)
Ø F Max	.572 (14.53)	.700 (17.78)	.850 (21.59)	.975 (24.77)	1.10 (27.94)	1.21 (30.66)	1.33 (33.83)	1.46 (37.00)	1.58 (40.18)
Ø G Max	.454 (11.55)	.573 (14.55)	.738 (18.75)	.862 (21.90)	.984 (25.00)	1.06 (26.85)	1.19 (30.15)	1.31 (33.35)	1.42 (35.95)
H ± 0.10 (± 0.25)	.943 (23.95)	1.04 (26.35)	1.13 (28.75)	1.22 (31.10)	1.32 (33.45)	1.44 (36.65)	1.57 (39.85)	1.69 (43.00)	1.82 (46.25)
J	.719 (18.26)	.812 (20.62)	.906 (23.01)	.969 (24.61)	1.06 (26.97)	1.16 (29.36)	1.25 (31.75)	1.38 (34.93)	1.50 (38.10)
K + 0.10 (+0.25) - 0.05 (-0.13)	.128 (3.25)	.128 (3.25)	.128 (3.25)	.128 (3.25)	.128 (3.25)	.128 (3.25)	.128 (3.25)	.147 (3.73)	.147 (3.73)
P ± 0.04 (± 0.10)	#16 .220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)
	#20 .283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)



Jam nut receptacle, 07 type

Shell inches (mm)	09	11	13	15	17	19	21	23	25
A Max	.917 (23.30)	.917 (23.30)	.917 (23.30)	.917 (23.30)	.917 (23.30)	.917 (23.30)	.917 (23.30)	.917 (23.30)	.917 (23.30)
B +0 -0.035 (-0.90)	#16 .679 (17.25)	.679 (17.25)	.679 (17.25)	.679 (17.25)	.679 (17.25)	.679 (17.25)	.679 (17.25)	.679 (17.25)	.679 (17.25)
	#20 .616 (15.65)	.616 (15.65)	.616 (15.65)	.616 (15.65)	.616 (15.65)	.616 (15.65)	.616 (15.65)	.616 (15.65)	.616 (15.65)
C +.004 (+0.10) -0	.110 (2.80)	.110 (2.80)	.110 (2.80)	.110 (2.80)	.110 (2.80)	.142 (3.60)	.142 (3.60)	.142 (3.60)	.142 (3.60)
D +0 -0.004 (-0.10)	.557 (14.15)	.557 (14.15)	.557 (14.15)	.557 (14.15)	.557 (14.15)	.557 (14.15)	.557 (14.15)	.557 (14.15)	.557 (14.15)
E +0 -0.035 (-0.90)	.687 (17.45)	.687 (17.45)	.687 (17.45)	.687 (17.45)	.687 (17.45)	.687 (17.45)	.687 (17.45)	.687 (17.45)	.687 (17.45)
Ø F Max	.572 (14.53)	.700 (17.78)	.850 (21.59)	.975 (24.77)	1.10 (27.94)	1.21 (30.66)	1.33 (33.83)	1.46 (37.00)	1.58 (40.18)
Ø G Max	.455 (11.55)	.573 (14.55)	.738 (18.75)	.862 (21.90)	.984 (25.00)	1.06 (26.85)	1.19 (30.15)	1.31 (33.35)	1.42 (35.95)
H Max	.891 (22.65)	1.02 (25.80)	1.20 (30.60)	1.33 (33.75)	1.45 (36.95)	1.58 (40.10)	1.70 (43.30)	1.83 (46.45)	2.02 (51.20)
J ± .14 (± 0.35)	1.06 (27.00)	1.25 (31.75)	1.38 (34.95)	1.50 (38.15)	1.63 (41.30)	1.81 (45.80)	1.94 (49.24)	2.06 (52.40)	2.19 (55.58)
K ± 0.12 (± 0.30)	1.19 (30.25)	1.38 (34.95)	1.50 (38.10)	1.63 (41.35)	1.75 (44.45)	1.94 (49.25)	2.06 (52.35)	2.19 (55.65)	2.31 (58.72)
P ± 0.04 (± 0.10)	#16 .220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)	.220 (5.60)
	#20 .283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)	.283 (7.20)



Square flange receptacle, front mounting, 00 type

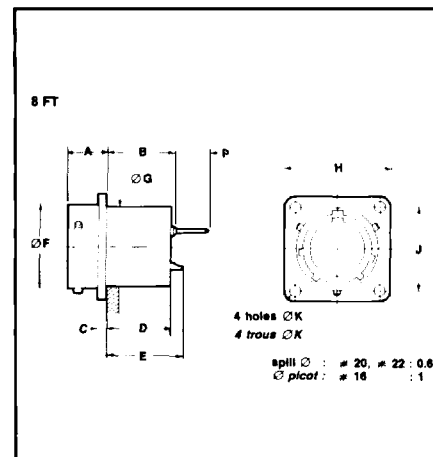
Shell inches (mm)		08	10	12	14	16	18	20	22	24
A Max		380 (9.67)	380 (9.67)	380 (9.67)	380 (9.67)	380 (9.67)	380 (9.67)	380 (9.67)	380 (9.67)	380 (9.67)
B +0 (-0.90)	#16	878 (22.30)	878 (22.30)	878 (22.30)	878 (22.30)	878 (22.30)	878 (22.30)	878 (22.30)	878 (22.30)	878 (22.30)
	#20	878 (22.30)	878 (22.30)	878 (22.30)	878 (22.30)	878 (22.30)	878 (22.30)	878 (22.30)	878 (22.30)	878 (22.30)
	#22	815 (20.70)	815 (20.70)	815 (20.70)	815 (20.70)	815 (20.70)	815 (20.70)	815 (20.70)	815 (20.70)	815 (20.70)
C +0.004 (+0.10)		058 (1.47)	058 (1.47)	058 (1.47)	058 (1.47)	058 (1.47)	058 (1.47)	058 (1.47)	058 (1.47)	058 (1.47)
D +0.004 (+0.10)		754 (19.15)	754 (19.15)	754 (19.15)	754 (19.15)	754 (19.15)	754 (19.15)	754 (19.15)	754 (19.15)	754 (19.15)
E +0 (-0.35)	#16	888 (22.55)	888 (22.55)	888 (22.55)	888 (22.55)	888 (22.55)	888 (22.55)	888 (22.55)	888 (22.55)	888 (22.55)
	#20	888 (22.55)	888 (22.55)	888 (22.55)	888 (22.55)	888 (22.55)	888 (22.55)	888 (22.55)	888 (22.55)	888 (22.55)
	#22	474 (12.04)	591 (15.02)	751 (19.08)	876 (22.25)	1.00 (25.43)	1.13 (28.61)	1.25 (31.76)	1.38 (34.95)	1.50 (38.13)
Ø F Max		454 (11.55)	573 (14.55)	738 (18.75)	862 (21.90)	984 (25.00)	1.06 (26.85)	1.19 (30.15)	1.31 (33.35)	1.42 (35.95)
Ø G Max		827 (21.01)	953 (24.22)	1.05 (26.60)	1.14 (28.99)	1.23 (31.35)	1.33 (33.71)	1.45 (36.91)	1.58 (40.09)	1.70 (43.26)
H Max		594 (15.09)	719 (18.26)	812 (20.62)	906 (23.01)	969 (24.61)	1.06 (26.97)	1.16 (29.36)	1.25 (31.75)	1.38 (34.93)
J		594 (15.09)	719 (18.26)	812 (20.62)	906 (23.01)	969 (24.61)	1.06 (26.97)	1.16 (29.36)	1.25 (31.75)	1.38 (34.93)
K +0.010 (+0.25)		120 (3.05)	120 (3.05)	120 (3.05)	126 (3.20)	120 (3.05)	120 (3.05)	120 (3.05)	120 (3.05)	147 (3.73)
P ±0.004 (±0.10)	#16	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)
	#20	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)
	#22	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)

Square flange receptacle, rear mounting, 03 type

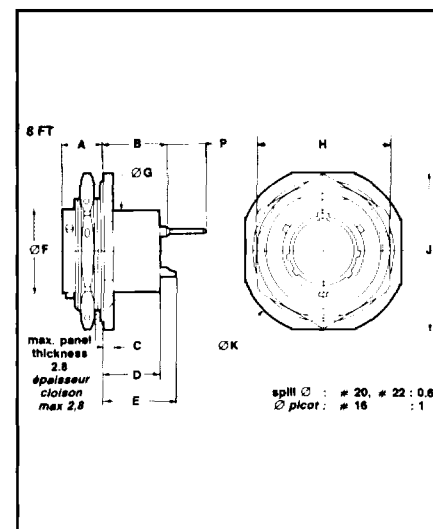
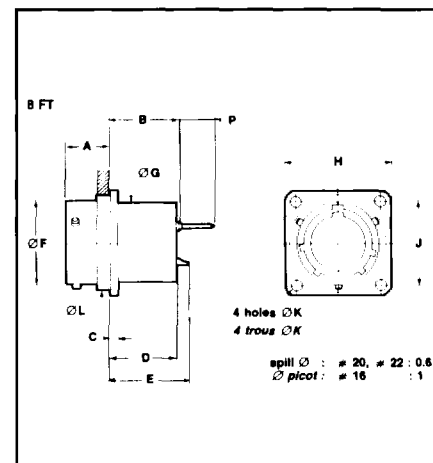
Shell inches (mm)		08	10	12	14	16	18	20	22	24
A Max		444 (11.28)	444 (11.28)	444 (11.28)	444 (11.28)	444 (11.28)	444 (11.28)	444 (11.28)	444 (11.28)	444 (11.28)
B +0 (-0.80)	#16	811 (20.60)	811 (20.60)	811 (20.60)	811 (20.60)	811 (20.60)	811 (20.60)	811 (20.60)	811 (20.60)	811 (20.60)
	#20	811 (20.60)	811 (20.60)	811 (20.60)	811 (20.60)	811 (20.60)	811 (20.60)	811 (20.60)	811 (20.60)	811 (20.60)
	#22	748 (19.00)	748 (19.00)	748 (19.00)	748 (19.00)	748 (19.00)	748 (19.00)	748 (19.00)	748 (19.00)	748 (19.00)
C +0.004 (+0.10)		058 (1.47)	058 (1.47)	058 (1.47)	058 (1.47)	058 (1.47)	058 (1.47)	058 (1.47)	058 (1.47)	058 (1.47)
D +0.004 (+0.10)		689 (17.50)	689 (17.50)	689 (17.50)	689 (17.50)	689 (17.50)	689 (17.50)	689 (17.50)	689 (17.50)	689 (17.50)
E +0 (-0.31)	#16	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)
	#20	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)
	#22	474 (12.04)	591 (15.02)	751 (19.08)	876 (22.25)	1.00 (25.43)	1.13 (28.61)	1.25 (31.76)	1.38 (34.95)	1.50 (38.13)
Ø F Max		454 (11.55)	573 (14.55)	738 (18.75)	862 (21.90)	984 (25.00)	1.06 (26.85)	1.19 (30.15)	1.31 (33.35)	1.42 (35.95)
Ø G Max		827 (21.01)	954 (24.22)	1.05 (26.60)	1.14 (28.99)	1.23 (31.35)	1.33 (33.71)	1.45 (36.91)	1.58 (40.09)	1.70 (43.26)
H Max		594 (15.09)	719 (18.26)	812 (20.62)	906 (23.01)	969 (24.61)	1.06 (26.97)	1.16 (29.36)	1.25 (31.75)	1.38 (34.93)
J		594 (15.09)	719 (18.26)	812 (20.62)	906 (23.01)	969 (24.61)	1.06 (26.97)	1.16 (29.36)	1.25 (31.75)	1.38 (34.93)
K +0.010 (+0.25)		120 (3.05)	120 (3.05)	120 (3.05)	126 (3.20)	120 (3.05)	120 (3.05)	120 (3.05)	120 (3.05)	147 (3.73)
P ±0.004 (±0.10)	#16	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)
	#20	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)
	#22	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)

Jam nut receptacle, 07 type

Shell inches (mm)		08	10	12	14	16	18	20	22	24
A Max		435 (11.05)	435 (11.05)	435 (11.05)	435 (11.05)	435 (11.05)	435 (11.05)	461 (11.71)	461 (11.71)	461 (11.71)
B +0 (-0.80)	#16	819 (20.80)	819 (20.80)	819 (20.80)	819 (20.80)	819 (20.80)	819 (20.80)	793 (20.15)	793 (20.15)	793 (20.15)
	#20	819 (20.80)	819 (20.80)	819 (20.80)	819 (20.80)	819 (20.80)	819 (20.80)	793 (20.15)	793 (20.15)	793 (20.15)
	#22	756 (19.20)	756 (19.20)	756 (19.20)	756 (19.20)	756 (19.20)	756 (19.20)	730 (18.55)	730 (18.55)	730 (18.55)
C +0.004 (+0.10)		084 (2.14)	084 (2.14)	084 (2.14)	084 (2.14)	084 (2.14)	084 (2.14)	084 (2.14)	084 (2.14)	084 (2.14)
D +0.004 (+0.10)		698 (17.73)	698 (17.73)	698 (17.73)	698 (17.73)	698 (17.73)	698 (17.73)	670 (17.03)	670 (17.03)	670 (17.03)
E +0 (-0.31)	#16	829 (21.05)	829 (21.05)	829 (21.05)	829 (21.05)	829 (21.05)	829 (21.05)	803 (20.40)	803 (20.40)	803 (20.40)
	#20	829 (21.05)	829 (21.05)	829 (21.05)	829 (21.05)	829 (21.05)	829 (21.05)	803 (20.40)	803 (20.40)	803 (20.40)
	#22	474 (12.04)	591 (15.02)	751 (19.08)	876 (22.25)	1.00 (25.43)	1.13 (28.61)	1.25 (31.78)	1.38 (34.95)	1.50 (38.13)
Ø F Max		454 (11.55)	573 (14.55)	738 (18.75)	862 (21.90)	984 (25.00)	1.06 (26.85)	1.19 (30.15)	1.31 (33.35)	1.42 (35.95)
Ø G Max		827 (21.01)	954 (24.22)	1.05 (26.60)	1.14 (28.99)	1.23 (31.35)	1.33 (33.71)	1.45 (36.91)	1.58 (40.09)	1.70 (43.26)
H Max		1.08 (27.40)	1.21 (30.60)	1.33 (33.75)	1.46 (36.95)	1.58 (40.10)	1.71 (43.30)	1.83 (46.45)	2.02 (51.20)	2.14 (54.40)
J ±0.014 (±0.35)		1.25 (31.80)	1.38 (34.96)	1.50 (38.15)	1.63 (41.31)	1.78 (45.28)	1.89 (48.04)	2.02 (51.25)	2.14 (54.40)	2.27 (57.57)
K ±0.012 (±0.30)		1.38 (35.00)	1.50 (38.18)	1.63 (41.36)	1.75 (44.53)	1.94 (49.30)	2.02 (51.30)	2.14 (54.45)	2.27 (57.60)	2.39 (60.80)
P ±0.004 (±0.10)	#16	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)
	#20	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)
	#22	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)

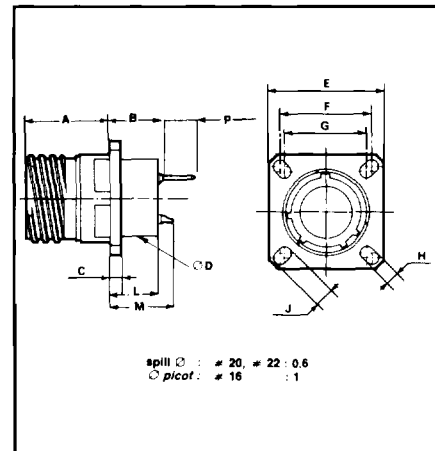


Note: in order to reduce the space used behind the receptacle, it is possible to manufacture the connector with the mounting flange re-positioned nearer the back. Consult us.



Square flange receptacle 00 type

Shell inches (mm)	09	11	13	15	17	19	21	23	25
MS shell boitier MS	A	B	C	D	E	F	G	H	J
A Max	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)	823 (20.90)	791 (20.10)	791 (20.10)	791 (20.10)
B +0 -035 (-0.90)	#16 789 (20.05)	789 (20.05)	789 (20.05)	789 (20.05)	789 (20.05)	789 (20.05)	819 (20.80)	819 (20.80)	819 (20.80)
	#22 726 (18.45)	726 (18.45)	726 (18.45)	726 (18.45)	726 (18.45)	726 (18.45)	756 (19.20)	756 (19.20)	756 (19.20)
C +004 (+0.10) -0	089 (2.25)	089 (2.25)	089 (2.25)	089 (2.25)	089 (2.25)	089 (2.25)	118 (3.00)	118 (3.00)	118 (3.00)
Ø D Max	472 (12.00)	590 (15.00)	709 (18.00)	866 (22.00)	984 (25.00)	110 (28.00)	122 (31.00)	134 (34.00)	146 (37.00)
E ± 012 (± 0.30)	937 (23.80)	103 (26.20)	113 (28.60)	122 (31.00)	133 (33.80)	144 (36.50)	156 (39.70)	169 (42.90)	181 (46.00)
F	719 (18.26)	812 (20.62)	906 (23.01)	969 (24.61)	106 (26.97)	116 (29.36)	125 (31.75)	138 (34.93)	150 (38.10)
G	594 (15.09)	719 (18.26)	812 (20.62)	906 (23.01)	969 (24.61)	106 (26.97)	116 (29.36)	125 (31.75)	138 (34.93)
H ± 008 (± 0.20)	.128 (3.25)	.128 (3.25)	.128 (3.25)	.128 (3.25)	.128 (3.25)	.128 (3.25)	.128 (3.25)	1.54 (3.91)	1.54 (3.91)
J ± 008 (± 0.20)	216 (5.49)	194 (4.93)	194 (4.93)	194 (4.93)	194 (4.93)	194 (4.93)	194 (4.93)	242 (6.15)	242 (6.15)
L +0 -006 (-0.15)	865 (16.90)	865 (16.90)	865 (16.90)	865 (16.90)	865 (16.90)	865 (16.90)	897 (17.70)	897 (17.70)	897 (17.70)
M +0 -035 (-0.90)	799 (20.30)	799 (20.30)	799 (20.30)	799 (20.30)	799 (20.30)	799 (20.30)	829 (21.05)	829 (21.05)	829 (21.05)
P +0 -035 (-0.90)	#16 220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)
	#22 283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)



Note: in order to reduce the space used behind the receptacle, it is possible to manufacture the connector with the mounting flange re-positioned nearer the back. Consult us.

Jam nut receptacle 07 type

Shell inches (mm)	09	11	13	15	17	19	21	23	25
MS shell boitier MS	A	B	C	D	E	F	G	H	J
A Max	876 (22.25)	876 (22.25)	882 (22.40)	882 (22.40)	882 (22.40)	882 (22.40)	882 (22.40)	882 (22.40)	882 (22.40)
B +0 -035 (-0.90)	#16 736 (18.70)	736 (18.70)	728 (18.50)	728 (18.50)	728 (18.50)	728 (18.50)	728 (18.50)	728 (18.50)	728 (18.50)
	#22 673 (17.10)	673 (17.10)	665 (16.90)	665 (16.90)	665 (16.90)	665 (16.90)	665 (16.90)	665 (16.90)	665 (16.90)
C +004 (+0.10) -0	098 (2.50)	098 (2.25)	098 (2.25)	098 (2.25)	098 (2.25)	130 (3.30)	130 (3.30)	130 (3.30)	130 (3.30)
Ø D Max	472 (12.00)	590 (15.00)	709 (18.00)	866 (22.00)	984 (25.00)	110 (28.00)	122 (31.00)	134 (34.00)	146 (37.00)
E Max	945 (24.00)	106 (27.00)	126 (32.00)	142 (36.00)	146 (37.00)	161 (41.00)	181 (46.00)	197 (50.00)	202 (51.23)
F ± 016 (± 0.40)	1.06 (27.00)	1.25 (31.80)	1.37 (34.90)	1.50 (38.10)	1.62 (41.30)	1.81 (46.00)	1.94 (49.20)	2.06 (52.40)	2.19 (55.60)
Ø G ± 012 (± 0.30)	1.19 (30.20)	1.37 (34.90)	1.50 (38.10)	1.62 (41.30)	1.75 (44.50)	1.94 (49.20)	2.06 (52.40)	2.19 (55.60)	2.31 (58.70)
H +004 (+0.10) -006 (-0.15)	651 (16.53)	751 (19.07)	938 (23.82)	106 (26.97)	1.19 (30.15)	1.31 (33.32)	1.44 (36.50)	1.56 (39.67)	1.69 (42.85)
J Max	.126 (3.20)	.126 (3.20)	.126 (3.20)	.126 (3.20)	.126 (3.20)	.126 (3.20)	.126 (3.20)	.126 (3.20)	.126 (3.20)
L +0 -006 (-0.15)	810 (15.50)	810 (15.50)	804 (15.35)	804 (15.35)	804 (15.35)	804 (15.35)	804 (15.35)	804 (15.35)	804 (15.35)
M +0 -035 (-0.90)	744 (18.90)	744 (18.90)	738 (18.75)	738 (18.75)	738 (18.75)	738 (18.75)	738 (18.75)	738 (18.75)	738 (18.75)
P ± 004 (± 0.10)	#16 220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)	220 (5.60)
	#22 283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)	283 (7.20)

