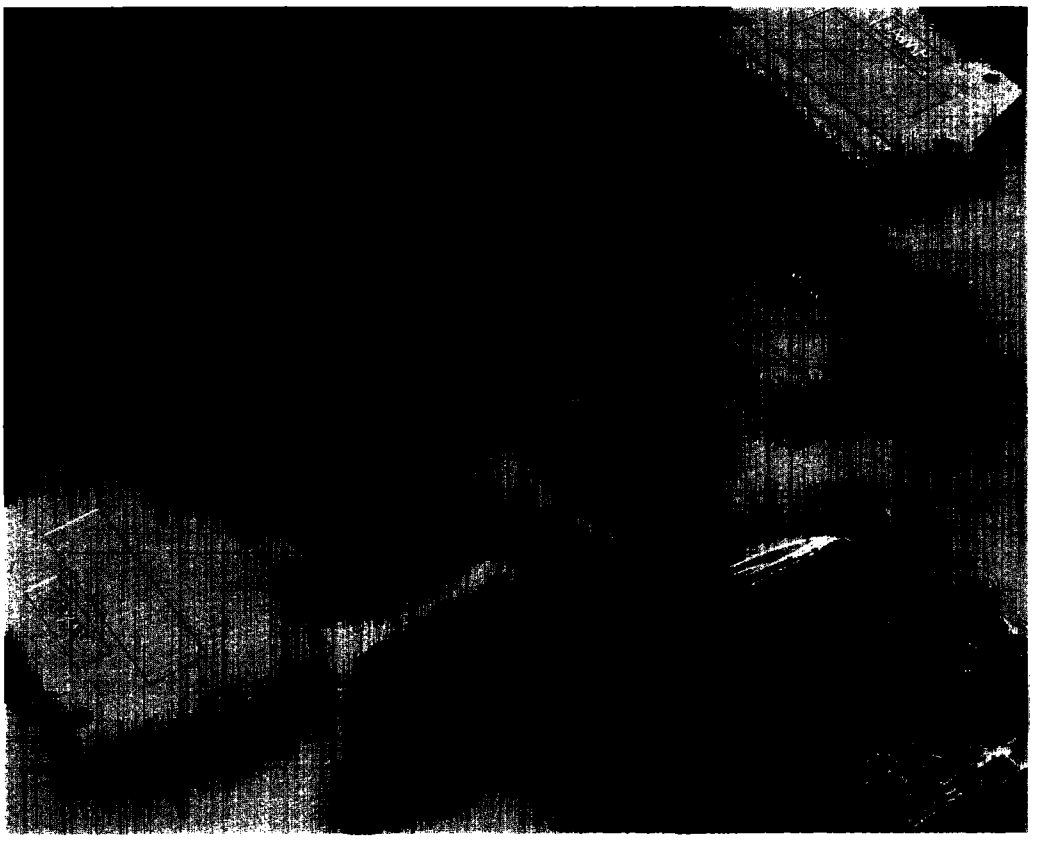
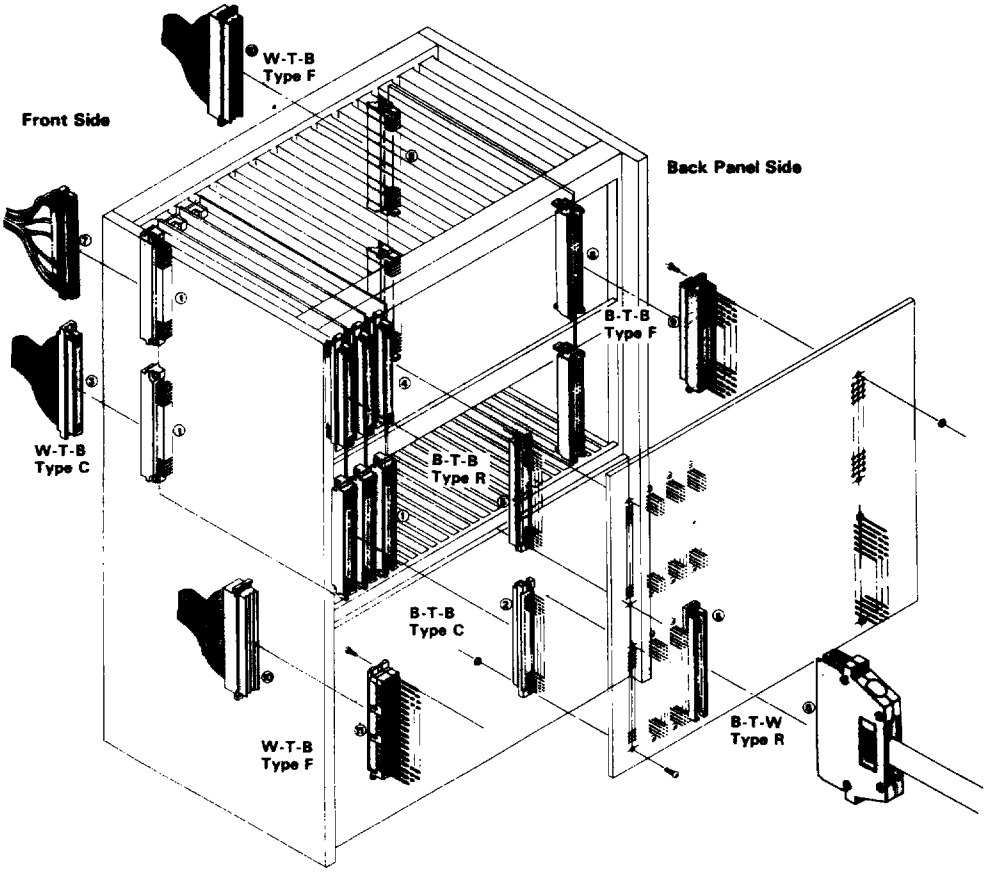
Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)

AMP Eurocard Connectors are a highly reliable system incorporating the numerous design advantages of the internationally recognized DIN 41612-IEC 603-1/2 connectors.
Applicable to all types of connection such as board-to-board and wire-to-board applications, this product line has already proven to be most useful in a wide range of electronic equipment and has now been greatly expanded to include ACTION PIN products, compact connectors and many others.
AMP Eurocard Connectors are intermateable with all DIN41612-IEC 603-1/2 connectors of similar style and contact arrangement.

Product Specification:
108-5227

①Type C Pin Assembly
②Type C Receptacle Assembly
③Type C Crimp Snap-In Receptacle Connector
④Type R Receptacle Assembly
⑤Type R Pin Assembly
⑥Type R Crimp Snap-In Receptacle Connector (with Cacle Clamp)
⑦Type C and R MT Type Receptacle Connector
⑧Type F Pin Assembly
⑨Type F Receptacle Assembly
⑩Type F Crimp Snap-In Receptacle Connector
⑪Type F Interface I Pin Assembly





Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
ACTION PIN* Connectors and Application Tools

Feature of ACTION PIN
Because the diagonal dimension of its action portion is larger than the hole diameter of the printed circuit board, the ACTION PIN, when inserted into the plated through hole, acts as two spring members compressing in opposite directions to exert sufficient force against the wall of the hole.
To prevent damage to the plated through hole, the ACTION PIN is designed with rounded corners at the action portion in contact area between the pin and the hole wall is increased so as to provide excellent electrical and mechanical characteristics.
Rupturing just one hole of a multilayer board can render the entire board useless. Since there are usually as many as 10,000 plated through holes in such boards, the the importance of using a rupture-free pin joining method like this is quite evident.

Relaxed Tolerances
The ACTION PIN method allows printed circuit boards to be processed more economically than any other method for it permits relaxed tolerances for the hole dimension. The finished plated through hole diameter is 0.94 to 1.09mm for press fit.

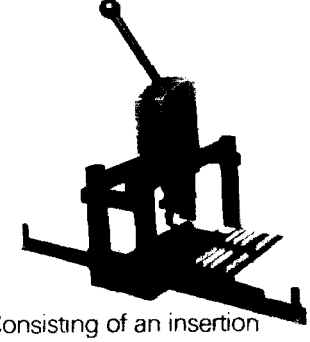
Repairability
There is no broaching of the plated through hole caused by the insertion of the pin. Damaged pins can be easily removed and replaced with new ones without any sacrifice to mechanical and electrical performance.

Gas Tight Stored Energy Connection
The springback properties of the ACTION PIN assures a constant supply of stored energy to keep the pin securely within the hole and the electrical contact with the hole wall perfectly gas tight.

Multiple Insertion
Because insertion forces are by far lower with the ACTION PIN than those of other types of forced interference fit pin, it is possible to mass-insert the connector into the panel with a simple tool. By design, the ACTION PIN has an insertion force of less than 18.1kg.

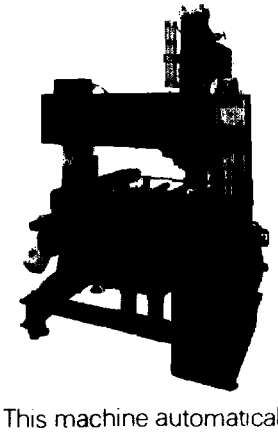
Application Tooling

Insertion Tool
(Hand-operation)
Part Number: 911578-□



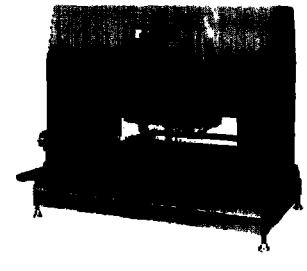
Consisting of an insertion tool head attached to the general-purpose arbor press, this tool can manually do most of the processes required.
Place the printed circuit board onto the press table and insert the connector tentatively. Then, pushing down the press handle completes the insertion of the connector

AMP H Frame Connector Insertion Machine
Part Number: 918000



This machine automatically inserts the connector into the printed circuit board when the ACTION PIN connector and the board are set in the index table.
Dimension: 1,090mm(W) × 1,200mm(D) × 1,860 mm(H)

SM-3 Connector Insertion Machine
Part Number: 814700-1

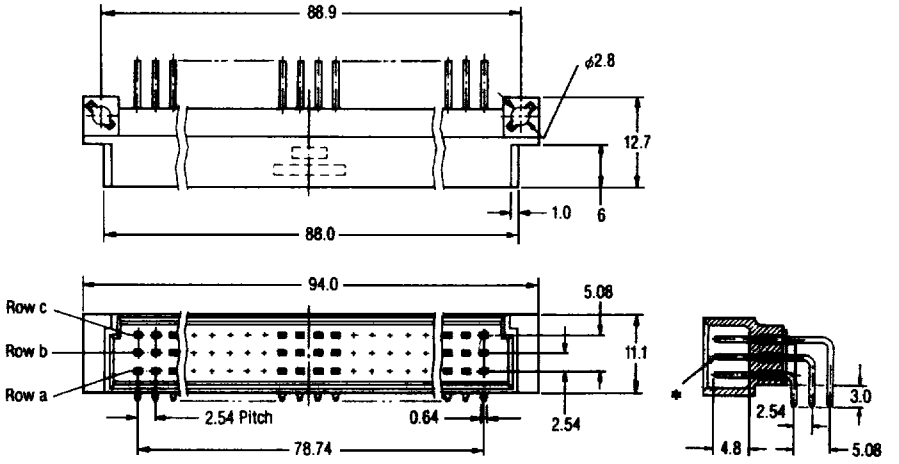


An air-driven connector applicator, this machine has a capacity of 2,722kg (capable of applying 120 contacts). Using a 19.05mm thick template, the machine can adjust fixing forces on the connector above the board.
The cycle time is 4 seconds and the machine processes boards up to 508mm wide.

Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Type C Pin Assemblies (Loaded with Solder Post Contacts)

For PC Board Mount Horizontal Type

Material and Finish:
Housing——Thermoplastic, polyester, grey
Contact——Brass, plated tin-lead on solder tine area and gold on contact area(see chart for thickness) with nickel underplate on entire contact.
No pinhole.



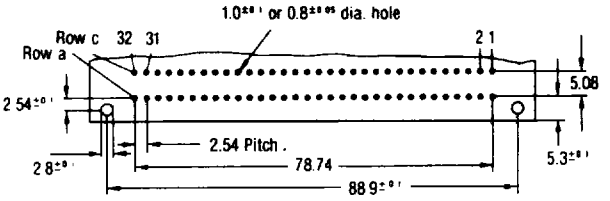
*64-position connector has row a and c only loaded (P/N: 174112)

No. of Pos.**	Rows Loaded	Gold Thickness in Contact Area (μm)	Part Number
64	a+c	0.2	174112-1
		0.4	174112-4
		0.8	174112-2
96	a+b+c	0.2	174111-1
		0.4	—
		0.8	174111-2

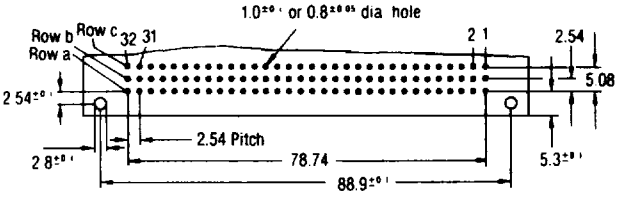
**For other positions and platings, contact our Sales Department.

PC Board Layout

Rows Loaded a+c
(Connector mounting side)



Rows Loaded a+b+c
(Connector mounting side)



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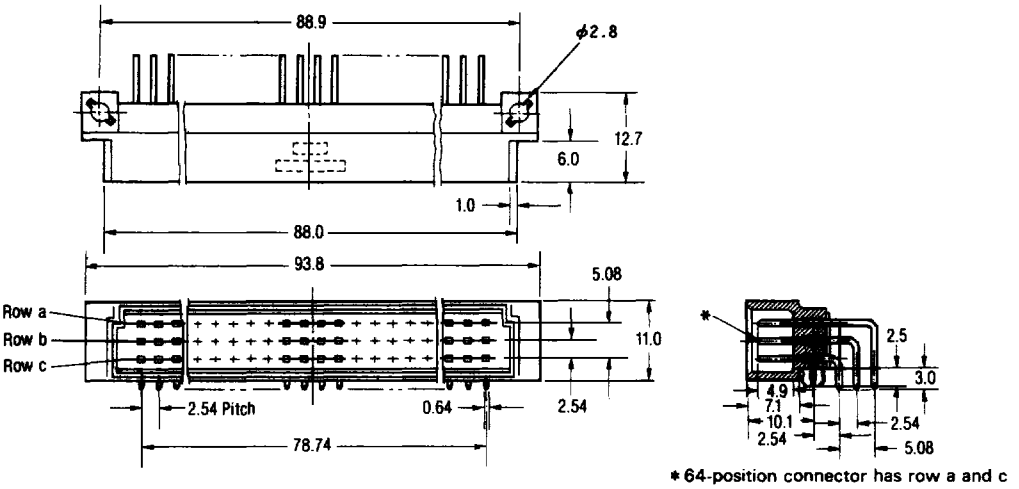
Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Type C Pin Assemblies (Loaded with Solder Post Contacts)

For PC Board Mount Horizontal Type (With Retention Leg)

Meterial and Finish:
Housing—Tharmoplastic, polyester, grey
Contact——Brass, plated tin-lead on solder tine area, gold solder tine area, gold (see chart for thickness) on contact area,with nickel underplate on entire contact. No pinhole.
Retention Leg——Brass, plated tin-lead with nickel underplated entire leg.



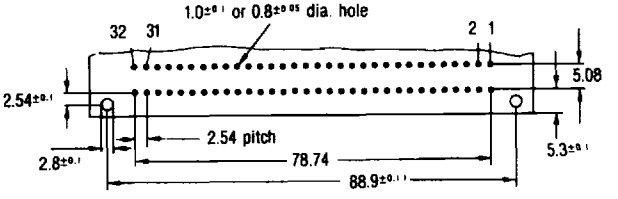
*64-position connector has row a and c only loaded (P/N: 174718)

No. of Position**	Rows Loaded	Gold Thickness in Contact Area (μm)	Part Number
64	a+c	0.2	174718-1
		0.8	174718-2
96	a+b+c	0.2	174717-1
		0.8	174717-2

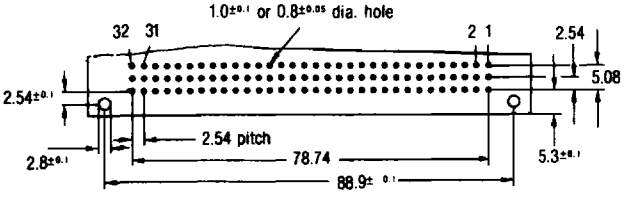
**For other positions and platings, contact our Sales Department.

PC Board Layout

Rows Loaded a+c
(Connector mounting side)



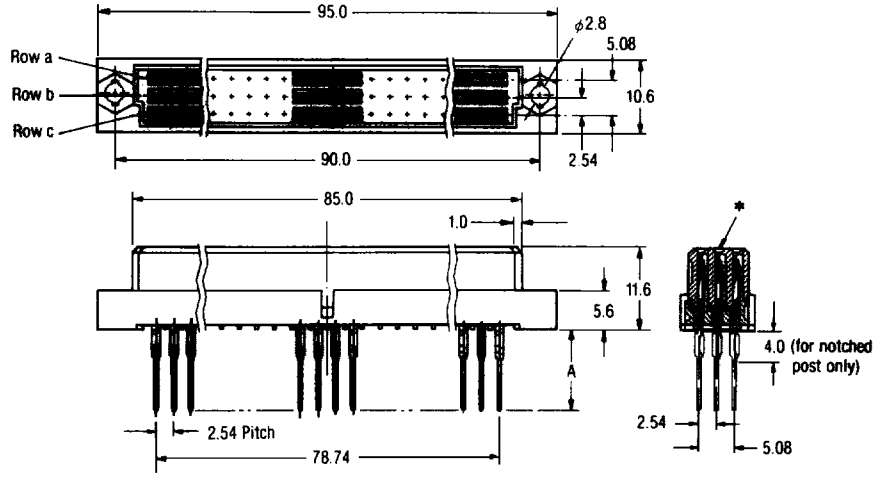
Rows Loaded a+b+c
(Connector mounting side)



Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Type C Pin Assemblies (Loaded with ACTION PIN Post Contacts)

For PC Board Mount Vertical Type

Material and Finish:
Housing——Thermoplastic, polyester grey
Contact——Phosphor bronze, plated tin-lead on action area and tin-lead or gold (see chart for thickness) on tine tip area, gold plated on contact area (see chart for thickness) with nickel underplate on entire contact.
No pinhole.



* 64-position connector has row a and c only loaded (P/N: 174108)

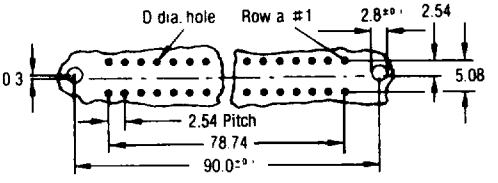
No. of Pos.**	Rows Loaded	Dimension A	Plate on Tine Tip Area (μm)	Plate on Action Area (μm)	Gold Thickness in Contact Area (μm)	Part Number
Without Notch						
64	a+c	4.7	Tin-lead	Tin-lead (0.5~2.54)	0.2	174108-1
					0.4	174108-4
					0.8	174108-2
		16.2	Tin-lead	Tin-lead (0.5~2.54)	0.2	1-174108-1
					0.8	1-174108-2
			Gold (0.8)	Gold Flash	0.8	1-174108-4
96	a+b+c	4.7	Tin-lead	Tin lead (0.5~2.54)	0.2	174107-1
					0.4	174107-4
					0.8	174107-2
		16.2	Tin-lead	Tin-lead (0.5~2.54)	0.2	1-174107-1
					0.8	1-174107-2
			Gold (0.2)	Gold Flash	0.2	1-174107-3
			Gold (0.4)		0.4	1-174107-5
			Gold (0.8)		0.8	1-174107-4

**For other positions and platings, contact our Sales Department.

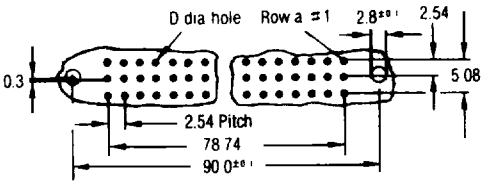
PC Board Layout

Applicable Board Thickness:
1.6~3.2mm
Through Hole Dia. (D):
PC board drilled hole dia.——$1.15^{+0.025}$mm
Copper plated thickness——25~75μm
Tin-lead plated thickness——4~10μm
Plated hole dia.——0.94~1.09mm
Finished hole dia. after solder reflowing——0.91~1.09mm

Rows Loaded a+b+c
(Connector mounting side)



Rows Loaded a+c
(Connector mounting side)



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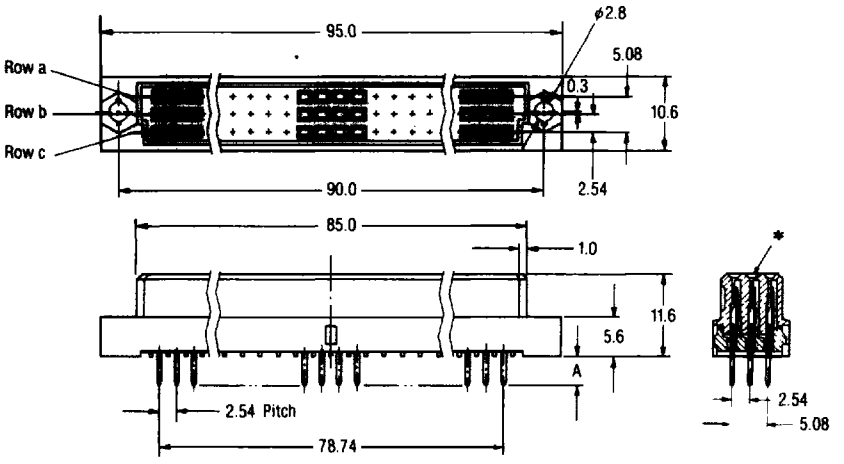
Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Type C Receptacle Assemblies (Loaded with Solder Post Contacts)

For PC Board Mount Vertical Type

Material and Finish:
Housing——Thermoplastic, polyester, grey
Contact——Phosphor bronze; plated tin-lead on solder tine area, gold on contact area (see chart for plating thickness) with nickel under-plate on entire contact.
No pinhole.



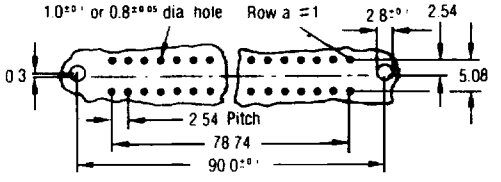
* 64-position connector has row a and c only loaded (P/N: 174110)

No. of Pos.**	Rows Loaded	PC Board Thickness	Dimension A	Gold Thickness in Contact Area (μm)	Part Number
64	a+c	1.6	2.5	0.2	174110-1
				0.8	174110-2
		2.4~3.2	4.0	0.2	1-174110-1
				0.8	1-174110-2
96	a+b+c	1.6	2.5	0.2	174109-1
				0.8	174109-2
		2.4~3.2	4.0	0.2	1-174109-1
				0.8	1-174109-2

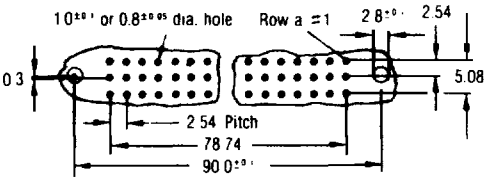
**For other positions and platings, contact our Sales Department.

PC Board Layout

Rows Loaded a+c
(Connector mounting side)



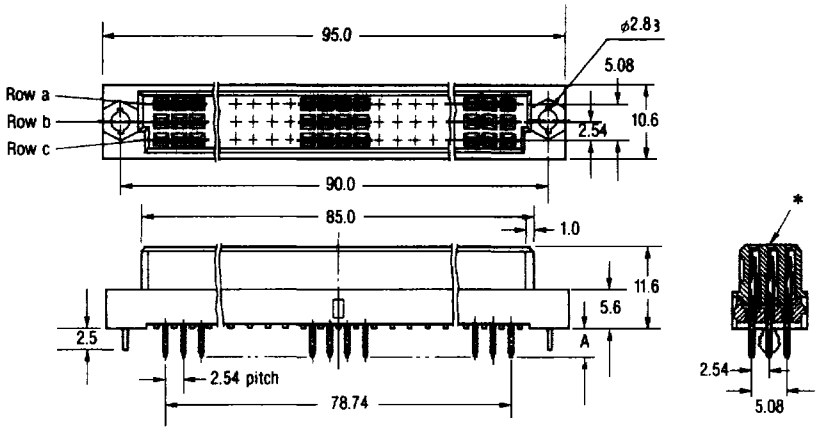
Rows Loaded a+b+c
(Connector mounting side)



Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Type C Receptacle Assemblies (Loaded with Solder Post Contacts)

For PC Board Mount Vertical Type (With Retention Leg)

Material and Finish:
Housing——Thermoplastic, polyester, grey
Contact——Phosphor bronze; plated fin-lead on solder tine area, gold (see chart for thickness) on contact area, with nickel underplate on entire contact. No pinhole.
Retention Leg——Brass, plated tin-lead with nickel underplated entire leg.



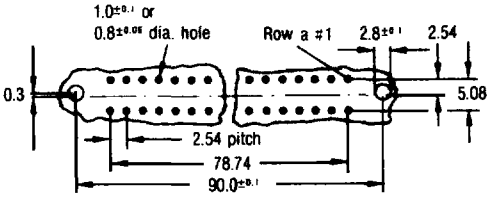
* 64-position connector has row a and c only loaded (P/N: 174720)

No. of Pos. **	Rows Loaded	PC Board Thickness	Dimension A	Gold Thickness in Contact Area (μm)	Part Number
64	a+c	1.6	2.5	0.2	174720-1
				0.8	174720-2
		2.4~3.2	4.0	0.2	1-174720-1
				0.8	1-174720-2
96	a+b+c	1.6	2.5	0.2	174719-1
				0.8	174719-2
		2.4~3.2	4.0	0.2	1-174719-1
				0.8	—

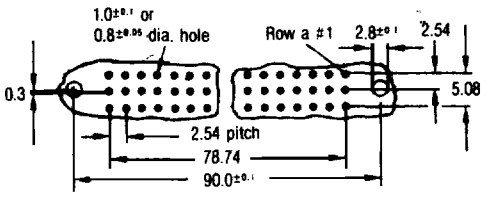
**For other platings, contact our Sales Department.

PC Board Layout

Rows Loaded a+c
(Connector mounting side)



Rows Loaded a+b+c
(Connector mounting side)

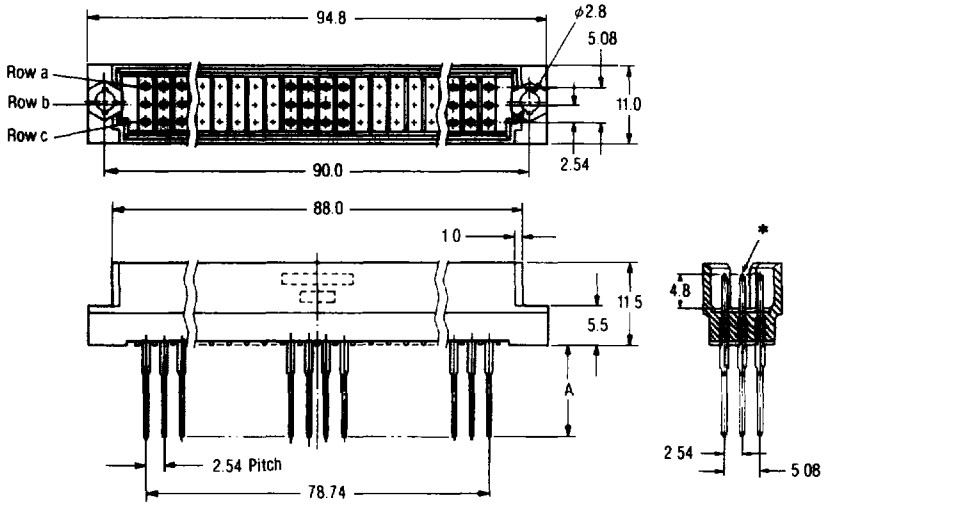


C3

Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Type R Pin Assemblies (Loarded with ACTION PIN Post Contacts)

For PC Board Mount Vertical Type

Material and Finish:
Housing——Thermoplastic, polyester, grey
Contact——Phosphor bronze; plated tin-lead on action area, tin-lead or gold (see chart for plating thickness) on tine tip area, gold on contact area (see chart for plating thickness) with nickel underplate on entire contact.
No pinhole.



*64-position connector has row a and c only loaded (P/N: 174102)

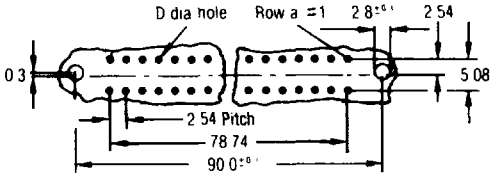
No. of Pos.**	Rows Loaded	Dimension A	Thickness of Plate on Tine Tip Area (μm)	Thickness of Plate on Action Area (μm)	Gold Thickness in Contact Area (μm)	Part Number
64	a+c	4.7	Tin-lead	Tin-lead (0.5~2.54)	0.2	174102-1
					0.4	174102-4
					0.8	—
		16.2	Tin-lead	Tin-lead (0.5~2.54)	0.2	1-174102-1
					0.8	—
		21.0	Tin-lead	Tin-lead (0.5~2.54)	0.2	2-174102-1
					0.8	—
			Gold (0.2)	Gold-Flash	0.2	2-174102-3
			Gold (0.8)		0.8	2-174102-4
96	a+b+c	4.7	Tin-lead	Tin-lead	0.2	174101-1
					0.8	174101-2
		16.2	Tin-lead	Tin-lead	0.2	—
					0.8	—
			Gold (0.2)	Gold-Flash	0.2	—
			Gold (0.8)		0.8	—
		21.0	Tin-lead	Tin-lead	0.2	—
					0.8	—
			Gold (0.2)	Gold-Flash	0.2	2-174101-3
			Gold (0.8)		0.8	2-174101-4

**For other positions and platings, contact our Sales Department.

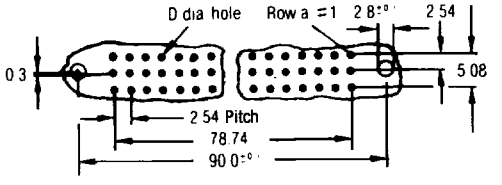
PC Board Layout

Applicable Board Thickness:
1.6~3.2mm
Through Hole Dia. (D):
PC board drilled hole dia.
$1.15^{+0.025}$mm
Copper plated thickness——25~75μm
Tin-lead plated thickness——4~10μm
Plated hole dia.——0.94~1.09mm
Finished hole dia. after solder reflowing——0.91~1.09mm

Rows Loaded a+c
(Connector mounting side)



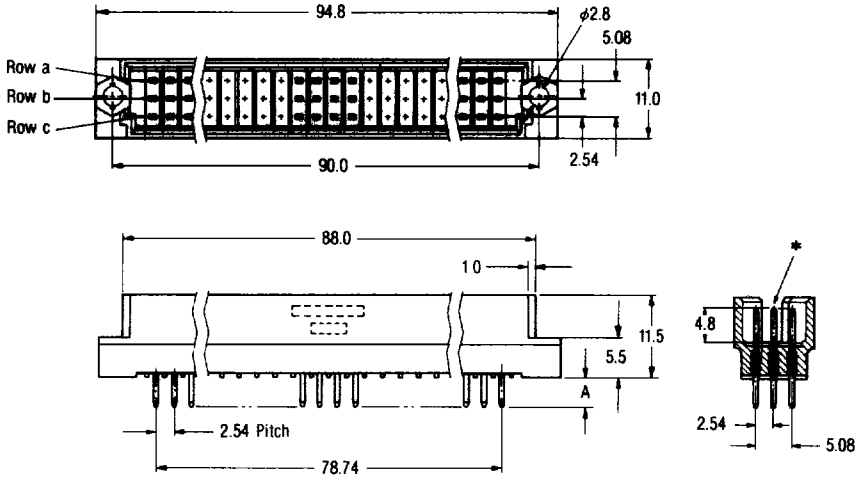
Rows Loaded a+b+c
(Connector mounting side)



Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Type R Pin Assemblies (Loaded with Solder Post Contacts)

For PC Board Mount Vertical Type

Material and Finish
Housing——Thermoplastic, polyester, grey
Contact——Phosphor bronze; plated tin-lead on solder tine tip area, gold on contact area (see chart for plating thickness) with nickel underplate on entire contact.
No pinhole.



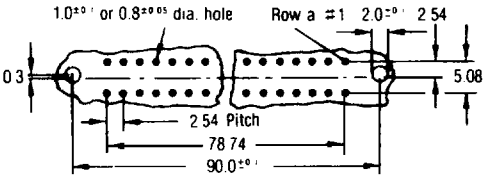
*64-position connector has row a and c only loaded (P/N: 174104)

No. of Pos.**	Rows Loaded	PC Board Thickness	Dimension A	Gold Thickness in Contact Area (μm)	Part Number
64	a+c	1.6	2.5	0.2	174104-1
				0.8	174104-2
		2.4~3.2	4.0	0.2	1-174104-1
				0.8	1-174104-2
96	a+b+c	1.6	2.5	0.2	174103-1
				0.8	174103-2
		2.4~3.2	4.0	0.2	1-174103-1
				0.8	1-174103-2

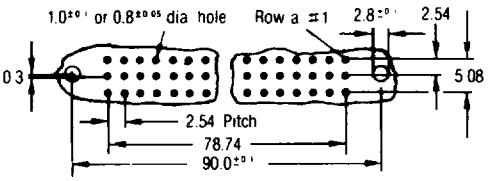
**For other positions and platings, contact our Sales Department.

PC Board Layout

Rows Loaded a+c
(Connector mounting side)



Rows Loaded a+b+c
(Connector mounting side)

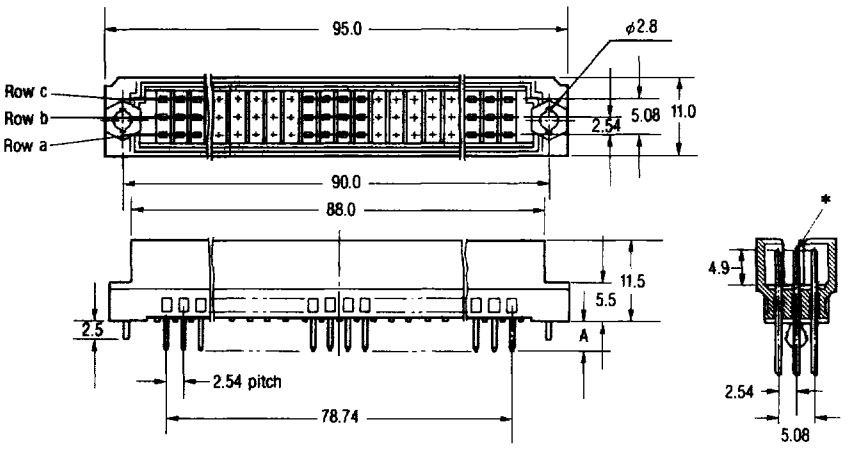


3

Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Type R Pin Assemblies (Loaded with Solder Post Contacts)

For PC Board Mount Vertical Type (With Retention Leg)

Material and Finish:
Housing——Thermoplastic, polyester, grey
Contact——Phosphor bronze; plated tin-lead on solder tine tip area, gold (see chart for thickness) on contact area, with nickel underplate on entire contact. **
No pinhole.
Retention Leg——Brass, plated tin-lead with nickel underplated entire leg.



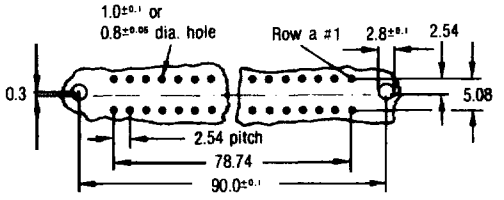
*64-position connector has row a and c only loaded (P N: 174714)

No. of Pos. **	Rows Loaded	PC Board Thickness	Dimension A	Gold Thickness in Contact Area (μm)	Part Number
64	a+c	1.6	2.5	0.2	174714-1
				0.8	174714-2
		2.4~3.2	4.0	0.2	1-174714-1
				0.8	1-174714-2
96	a+b+c	1.6	2.5	0.2	174713-1
				0.8	174713-2
		2.4~3.2	4.0	0.2	1-174713-1
				0.8	1-174713-2

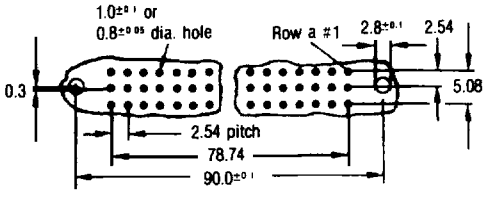
**For other platings, contact our Sales Department.

PC Board Layout

Rows Loaded a+c
(Connector mounting side)



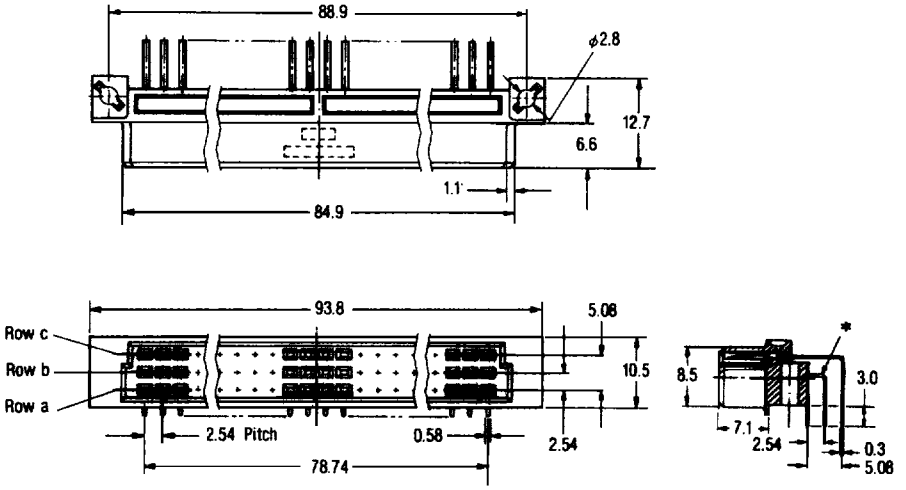
Rows Loaded a+b+c
(Connector mounting side)



Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Type R Receptacle Assemblies (Loaded with Solder Post Contacts)

For PC Board Mount Horizontal Type

Material and Finish:
Housing——Thermoplastic, polyester, grey
Contact——Phosphor bronze; plated tin-lead on solder tine area, gold on contact area (see chart for plating thickness) with nickel underplate on entire contact.
No pinhole.



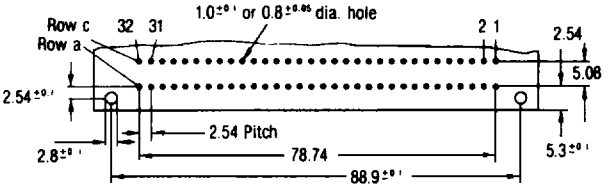
*64-position connector has row a and c only loaded (P/N: 174106)

No. of Pos.**	Rows Loaded	Gold Thickness in Contact Area (μm)	Part Number
64	a+c	0.2	**174106-1**
		0.4	—
		0.8	**174106-2**
96	a+b+c	0.2	**174105-1**
		0.4	**174105-4**
		0.8	**174105-2**

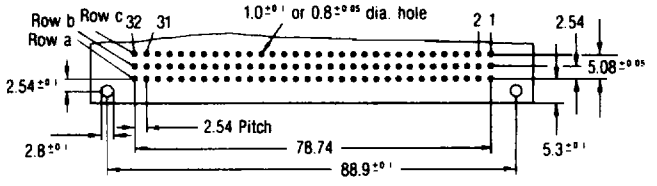
**For other positions and platings, contact our Sales Department.

PC Board Layout

Rows Loaded a+c (Connector mounting side)



Rows Loaded a+b+c (Connector mounting side)

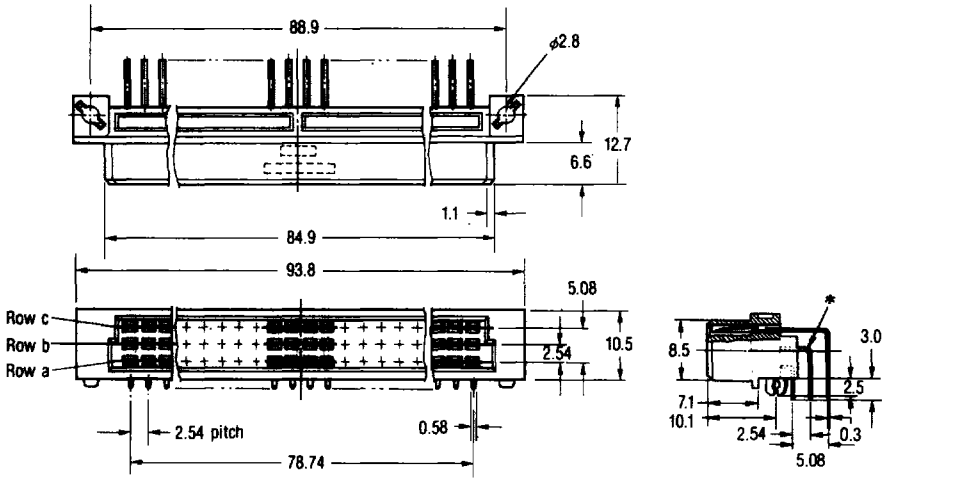


3

Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Type R Receptacle Assemblies (Loaded with Solder Post Contacts)

For PC Board Mount Horizontal Type (With Retention Leg)

Material and Finish:
Housing——Thermoplastic, polyester, grey
Contact——Phosphor bro bronze; plated tin-lead on solder tine area, gold (see chart for thickness) on contact area, with nickel underplate on entire contact. No pinhole.
Retention Leg——Tin-lead over nickel underplate



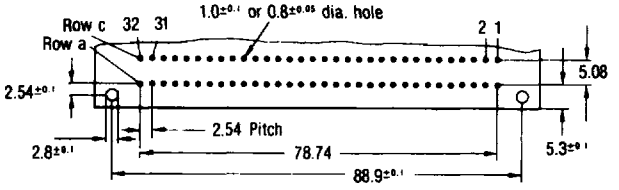
*64-position connector has row a and c only loaded (P/N: 174716)

No. of Pos.**	Rows Loaded	Gold Thickness in Contact Area (μm)	Part Number
64	a+c	0.2	174716-1
		0.8	174716-2
96	a+b+c	0.2	174715-1
		0.8	174715-2

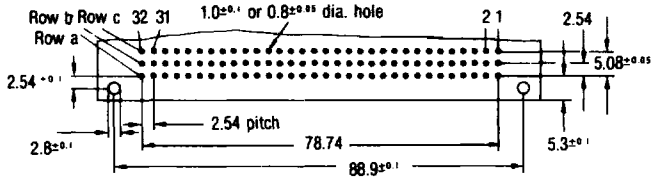
**For other platings, contact our Sales Department.

PC Board Layout

Rows Loaded a+c
(Connector mounting side)



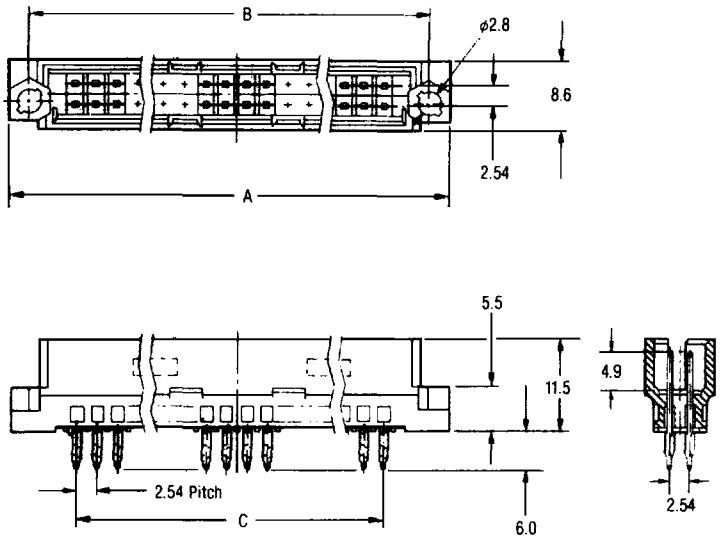
Rows Loaded a+b+c
(Connector mounting side)



Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Type Q Pin Assemblies (Loaded with ACTION PIN Post Contacts)

For PC Board Mount Vertical Type

Material and Finish:
Housing——Thermoplastic, polyester, grey
Contact——CA-725; plated tin-lead on solder tine area and action area, 0.2μm gold on contact area with nickel underplate on entire contact. No pinhole.

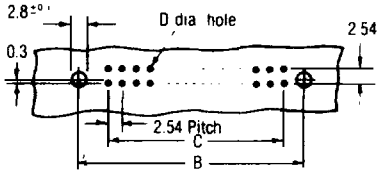


No. of Pos.**	Dimensions			Part Number
	A	B	C	
32	54.1	49.30	38.10	**174252-1**
64	94.8	90.00	78.74	**174252-2**

**For other positions and platings, contact our Sales Department.

PC Board Layout
(Connector mounting side)

Applicable Board Thickness:
2.4mm
Through Hole Dia. (D):
PC board drilled hole dia.——$0.9^{\pm 0.025}$mm
Copper plated thickness——25~75μm
Plated hole dia.——$0.8^{\pm 0.05}$mm
Tolerance of hole pitch:
$\pm$0.05mm (non accumulate)

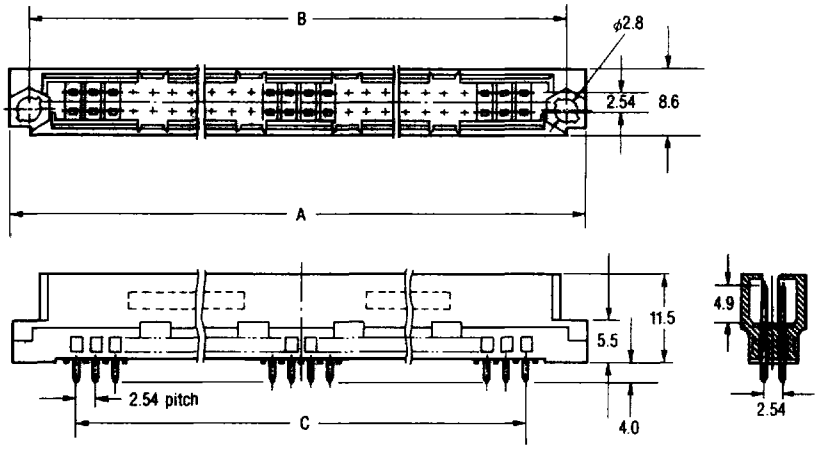


3

Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Type Q Pin Assemblies (Loaded with Solder Post Contacts)

For PC Board Mount Vertical Type (Screw Mount)

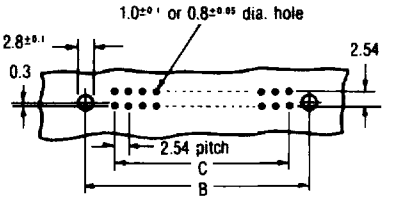
Material and Finish:
Housing——Thermoplastic, polyester, grey
Contact——Brass, plated tin-lead on solder tine area, 0.2μm gold (for 64 position) or 0.1μm gold (for 80 position) on contact area.
No pinhole.



No. of Pos.**	Dimensions			Part Number
	A	B	C	
32	54.1	49.3	38.10	**174254-1**
64	94.8	90.0	78.74	**174254-2**
80	115.1	110.3	99.06	—

**For other platings, contact our Sales Department.

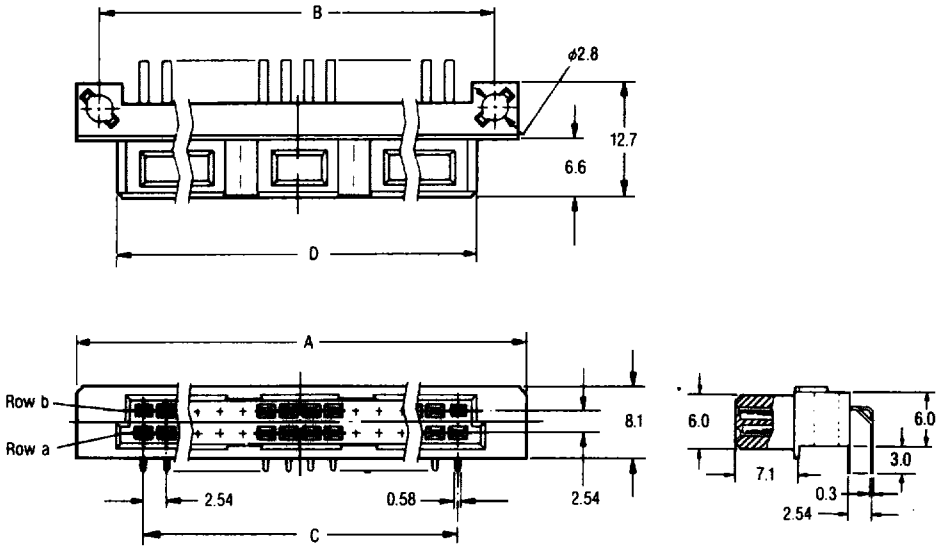
PC Board Layout
(Connector mounting side)



Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Type Q Receptacle Assemblies (Loaded with Solder Post Contacts) with Grounding Circuits

For PC Board Mount Horizontal Type

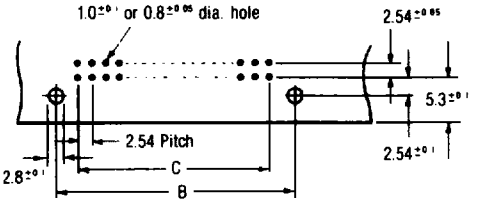
Material and Finish:
Housing——Thermoplastic, polyester, grey
Contact——Phosphor bronze; plated tin-lead on tine tip area, 0.2μm gold on contact area with nickel underplate on entire contact.**
No pinhole.



No. of Pos.**	Dimensions				Part Number
	A	B	C	D	
32	53.1	48.20	38.10	44.2	174253-3
					174253-1*
64	93.8	88.90	78.74	84.9	174253-2

Note: Location of grounding circuits—— Both ends of raw b and 5b (3 in all) with 32-position assembly, both ends of raw b (2) with (*) 32-position assembly and botb ends of raw b (2) with 64-position assembly.
**For other platings, contact our Sales Department.

PC Board Layout
(Connector mounting side)
Applicable Board Thickness:
1.6mm

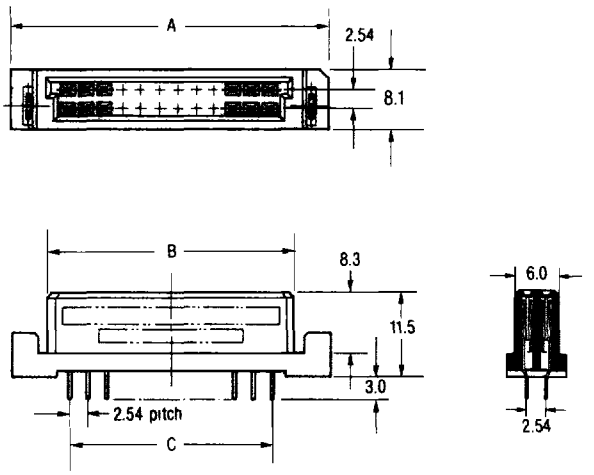


Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Receptacle Assemblies (Loaded with Solder Post Contacts) 2 Rows DIN Type S-2 Connectors

For PC Boart Mount Vertical Type (Without Retention Leg)

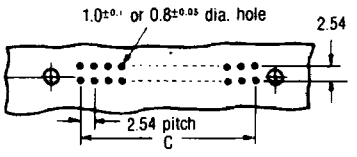
Material and Finish:
Housing——Glass-filled thermoplastic, polyester, black
Contact——Phosphor bronze; plated tin-lead on tine area, 0.3μm min. gold on contact area, with nickel underplate on entire contact.*

PC Board Layout
(Connector mounting side)



No. of Pos.**	Dimensions			Part Number
	A	B	C	
22*	44.0	34.1	27.94	1-174887-3*
24				—
32	54.2	44.3	38.10	3-174887-3
44	69.4	59.5	53.34	4-174887-3
64	94.8	84.3	78.74	—

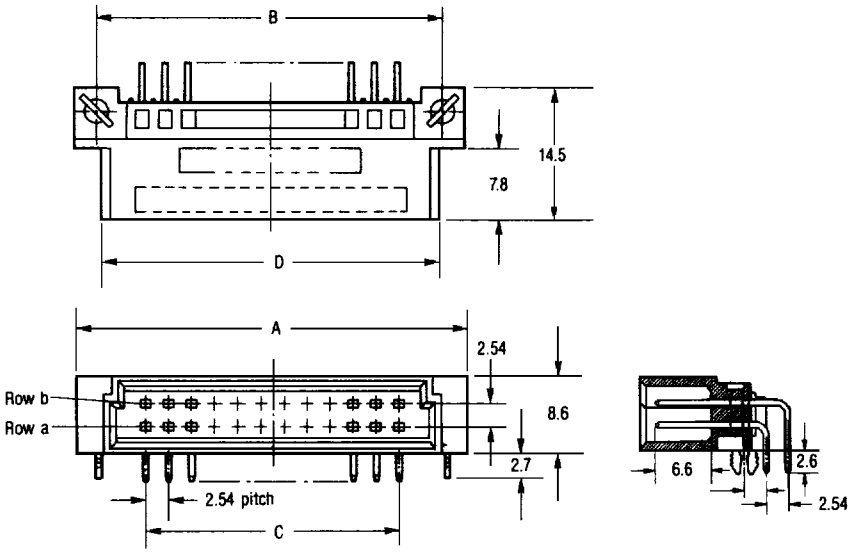
*22-position connector with No.6 circuit in each row removed. Uses housing for 24 positions.
**For other platings, contact our Sajes Department.



Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Pin Assemblies (Loaded with Solder Post Contacts) 2 Rows DIN Type S-2 Connectors

For PC Board Mount Horizontal Type (With Retention Leg)

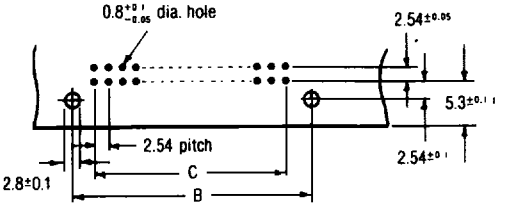
Material and Finish:
Housing——Glass-filled thermoplastic, polyester, black
Contact——Phosphor bronze; plated tin-lead on solder tine area, 0.3μm min. gold on contact area, with nickel underplate on entire contact.
Retention Leg——Brass; plated tin-lead with nickel underplate on entire contact.



No. of Pos.**	Dimensions				Part Number
	A	B	C	D	
22*	43.2	38.1	27.94	36.4	1-174886-3*
24					2-174886-3
32	53.4	48.3	38.10	46.6	3-174886-3
44	68.6	63.5	53.34	61.8	4-174886-3
64	94.0	88.9	78.74	87.2	—

*22-position connector with No.6 circuit in each row removed. Uses housing for 24 positions.
**For other platings, contact our Sales Department.

PC Board Layout
(Connector mounting side)

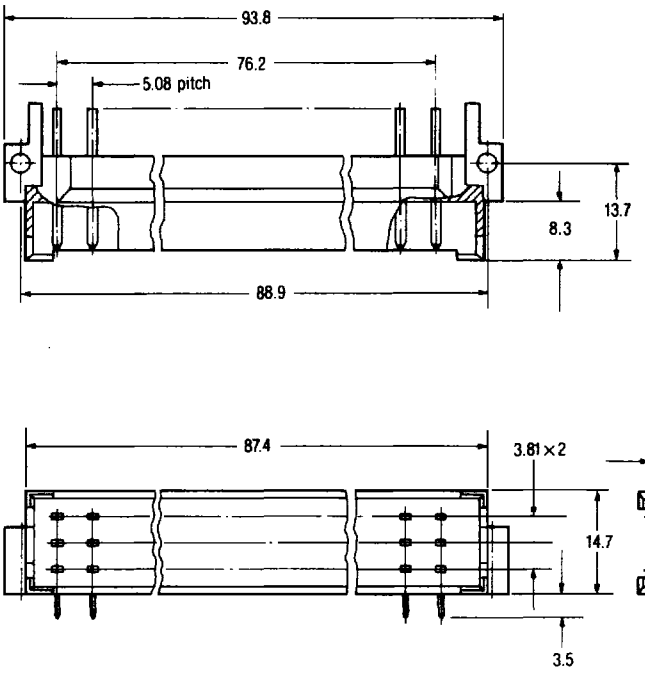


Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN41612-IEC603-1/-2)
Type F Pin Assemblies (Loaded with Solder Post Contacts) 3 Rows DIN Type

For PC Board Mount Horizontal Type

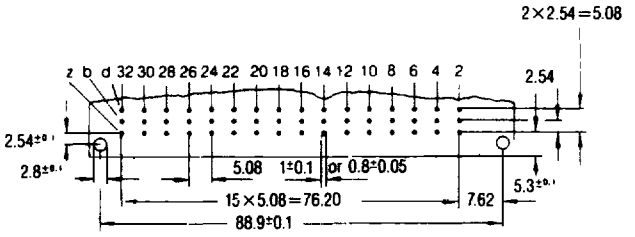
Material and Finish:
Housing——Thermoplastic, polyester, grey
Contact——Brass; plated tin-lead on solder tine area, 0.4μm min. gold on contact area, with nickel underplate on entire contact.

48 Position
Part Number: 175439-1



PC Board Layout

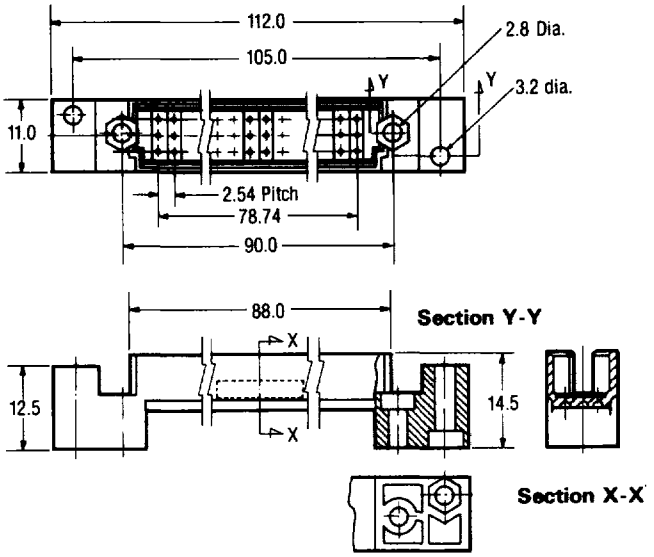
(Connector mounting side)



Board to Board Connectors
AMP Eurocard PC Board Connectors (Per DIN 41612-IEC603-1/-2)
Rear Header Housing and Cable Cover

For 96 Position Back Housing

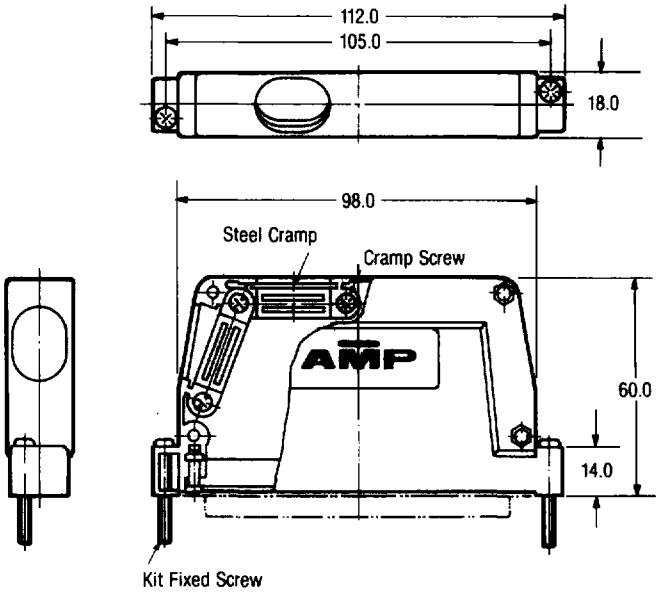
Part Number: 175405-1
Material: PBT, grey



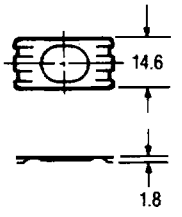
Cable Cover Kit

With 28mm Kit Fixed Screw
Part Number: 175406-1 (With Blind Plate)
175406-2 (Without Blind Plate)

With 18mm Kit Fixed Screw
Part Number: 175406-3 (With Blind Plate)
175406-4 (Without Blind Plate)



Blind Plate



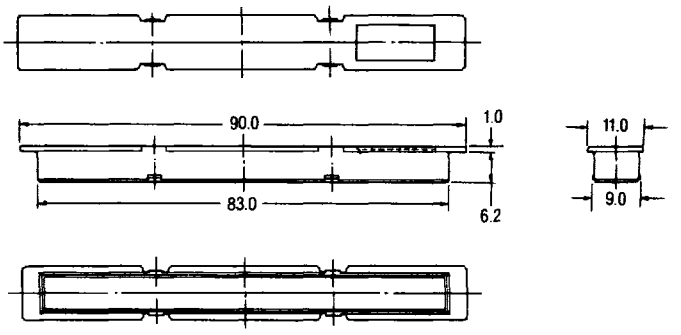
Example of Application

Board to Board Connectors
Accessories for Eurocard PC Board Connectors

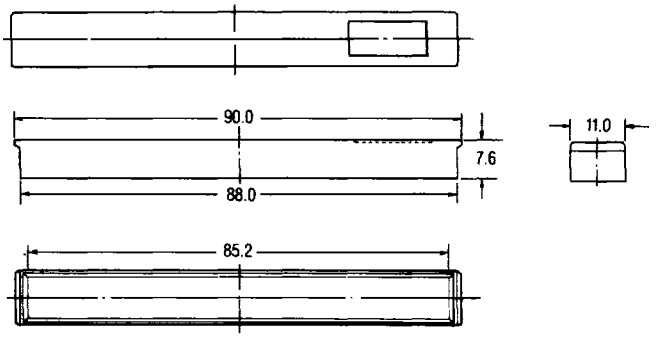
Dust Cover For 64 Pos. and 96 Pos.

Connector Size:
64 and 96 Pos. of Type C and Type R

Material:
Thermoplastic, milk white color



Part Number: 174375-1
For Cap Housing



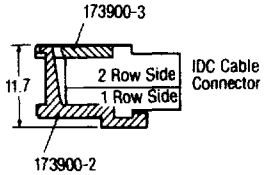
Part Number: 174376-1
For Plug Housing

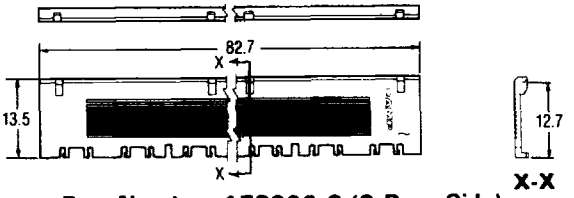
Cover Housing For MT Connector

Kit Part Number: 173900-1

Material:
94V-0 rated, glass-filled P.B.T., white grey

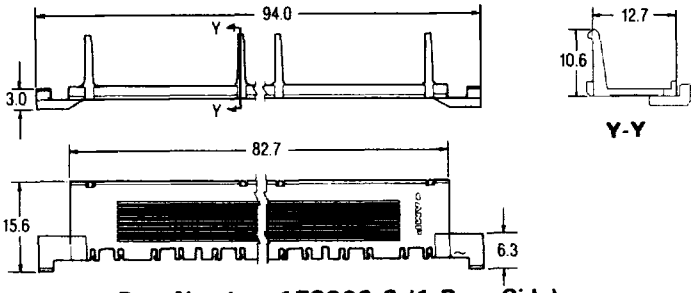
Applicable Connector Part Number:
215697 or 215683





X-X

Part Number: 173900-3 (2 Row Side)



Y-Y

Part Number: 173900-2 (1 Row Side)