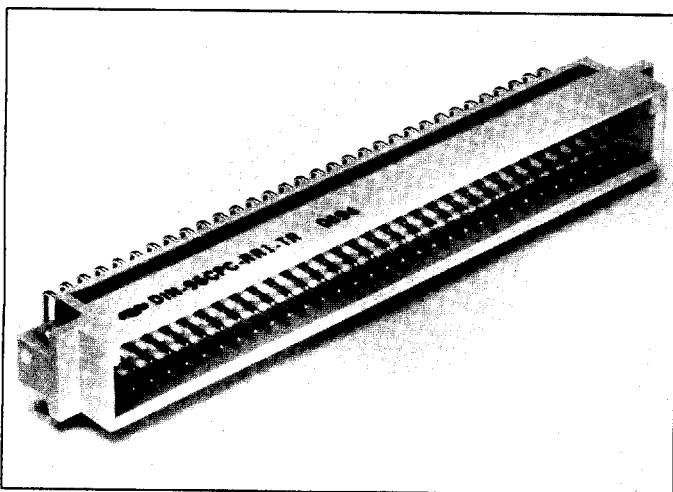


DIN CONNECTORS



Standard C-Form DIN Solder-To-Board Plug Connectors

DIN-CP Series



- 96 position connector used on VME, VXI, Multi-Bus II daughter cards
- High temp SMT compatible insulator
- EMLB grounding contacts allow "hot board" replacement (see page 293)
- Retent clip locks connector to PCB during wave solder
- New! 120 position connector used for Apple Macintosh add-on cards
- Mates with C-Form, R-Form or IDC ribbon cable Sockets

How to Order CH- and C-Form Plug

DIN — 96 CP C — SR1 — TR

Number of Contacts: _____
32, 48, 64, 96, 120, 150

Pin Arrangement: _____
A = Row A only loaded
B = Rows A, C loaded
C = Rows A, B, C loaded

Termination Style/Tail Length:
SR1 = Solder, Right Angle/.114" (2.90)
SR2 = Solder, Right Angle/.180" (4.57)
RR1 = Solder, Right Angle/.114" (2.90) with retent clips
RR2 = Solder, Right Angle/.180" (4.57) with retent clips
RR1L = Solder, Right Angle/.114" (2.90) with retent clips
RR2L = Solder, Right Angle/.180" (4.57) with retent clips
(See "Retent Clip Style" detail next page)

Plating Code: Specify TR

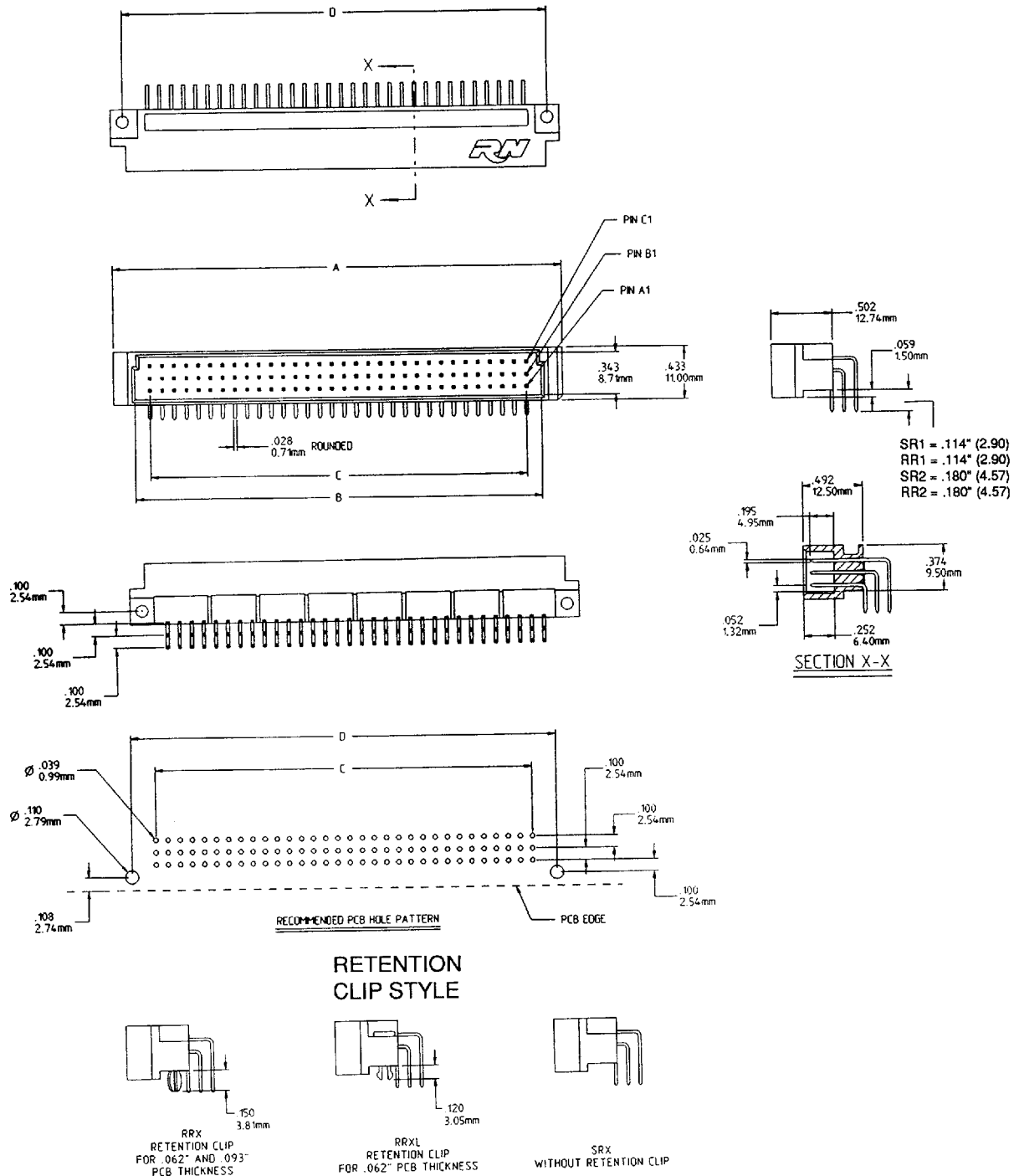
Pin Arrangement

Number of Contacts	Part Number**	Rows Filled
32	DIN-32CPB-XXX-TR	A, C (48 Position housing)
48	DIN-48CPC-XXX-TR	A, B, C
64	DIN-64CPB-XXX-TR	A, C (96 Position housing)
64	DIN-64CPB-SR14A-TR*	A, C (96 Position housing) Pins Extended A1, A32, C1, C32*
96	DIN-96CPC-XXX-TR	A, B, C
96	DIN-96CPC-SR14A-TR*	A, B, C Pins Extended A1, A32, C1, C32*
96	DIN-96CPC-SR12A-TR*	A, B, C Pins Extended A1, A32*
120	DIN-120CPC-XXX-TR	A, B, C
150	DIN-150CPC-XXX-TR	A, B, C

*Custom
EMLB
Patterns
Available
(see page
293)

**
To order
replace XXX
with
termination
style

DESCRIPTION	No. of Contacts	A	B	C	D
DIN-32CPA-XXX-XX	32	3.700 (93.98)	3.354 (85.19)	3.100 (78.74)	3.500 (88.90)
DIN-32CPB-XXX-XX	32	2.100 (53.34)	1.754 (44.55)	1.500 (38.10)	1.900 (48.26)
DIN-48CPC-XXX-XX	48	2.100 (53.34)	1.754 (44.55)	1.500 (38.10)	1.900 (48.26)
DIN-64CPB-XXX-XX	64	3.700 (93.98)	3.354 (85.19)	3.100 (78.74)	3.500 (88.90)
DIN-96CPC-XXX-XX	96	3.700 (93.98)	3.354 (85.19)	3.100 (78.74)	3.500 (88.90)
DIN-120CPC-XXX-XX	120	4.500 (114.30)	4.154 (105.51)	3.900 (99.06)	4.300 (109.22)
DIN-150CPC-XXX-XX	150	5.500 (139.70)	5.154 (130.91)	4.900 (124.46)	5.300 (134.62)



Mechanical Performance

Insertion Force: 2.5 oz/contact maximum average

Withdrawal Force: .50 oz/contact minimum

Temperature Range: -65°C to + 105°C

Flammability Rating: UL 94V-0

DIN 41612 Quality Class: Class II, 400 mating cycles

Electrical Performance

Contact Resistance: 20 Milliohms maximum

Insulation Resistance: 1000 Megohms

Dielectric Withstanding Voltage: 1000 Volts AC RMS

Current Rating: 1.0 Ampere at 100°C
4.0 Amperes at 20°C

Agency Approvals:



#46898



#E73746

Materials

Body: High Temp, Grey Thermoplastic (UL 94V-0)

Contact: Plugs - Copper Alloy **Sockets** - Phosphor Bronze

Plating Options:

TR = 10 μ inch ROBEX® [7 μ inch (.178 μ m)
minimum Palladium Nickel with
3 μ inch (.076 μ m) minimum
Gold flash] on contact area.
100 μ inch (2.54 μ m)
Tin/Lead on terminal area

RR = 10 μ inch (.254 μ m) ROBEX® [7 μ inch
(.178 μ m) minimum Palladium Nickel with
3 μ inch (.076 μ m) minimum Gold flash]
on contact and terminal areas.
100 μ inch (2.54 μ m) minimum
Tin/Lead on FLEXPRESS® area

All options include an Underplate of 50 μ inch (1.27 μ m) minimum Nickel.
RR Plating is available on FLEXPRESS® (PW1 and PW2) contacts only.

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