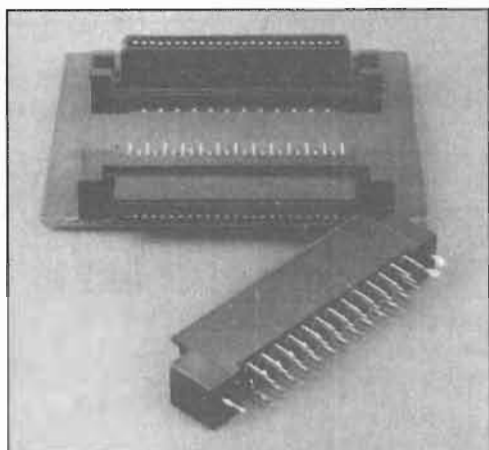


2-PIECE CONNECTORS

P50 Series



- 20 to 100 position product
- 3-dimensional mating
- Retention clip eliminates costly hardware and secures connector during wave solder

RN PAK-50®

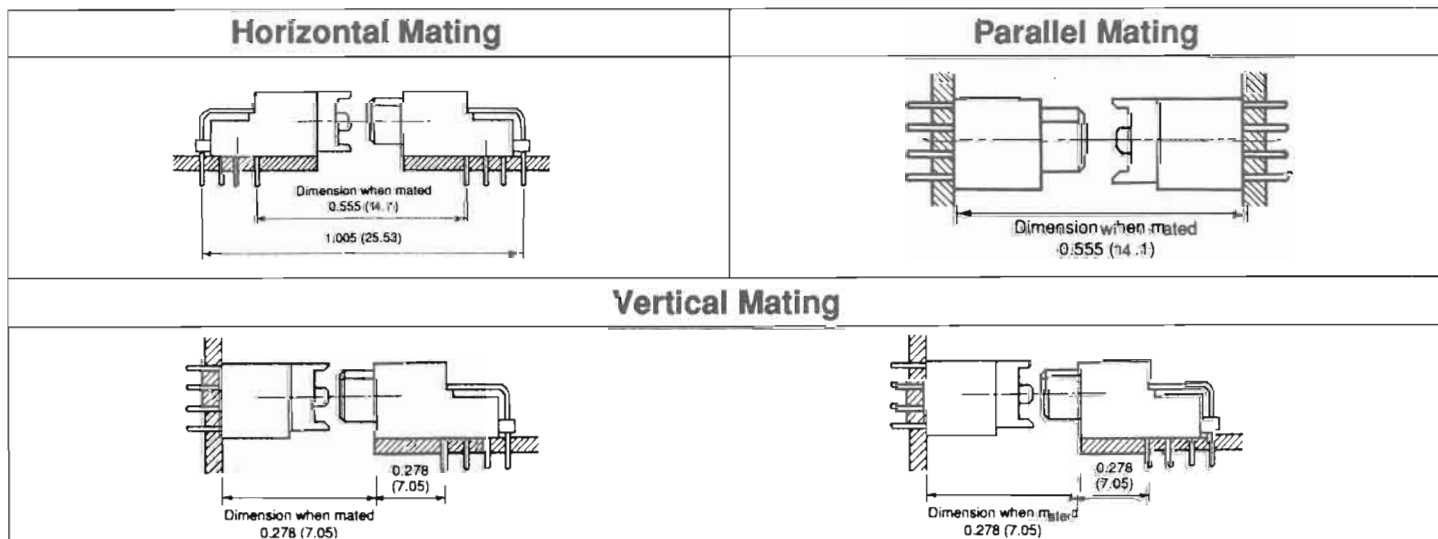
How to Order RN-PAK-50 2-Piece

Series P50 - XXX P - R1 - TG Plating Code: Specify TG

Number of Contacts: 20, 26, 30, 32, 34, 40, 50, 52, 60, 68, 80, 100

P = Plug Connector
S = Socket Connector

Termination Style:
R1 = Solder, Straight/.118" (3.0) with retent clip
RR1 = Solder, Right Angle/.118" (3.0) with retent clip



Materials:

Body: Glass-filled black nylon
Contact: Phosphor Bronze

Performance Characteristics:

Dielectric Withstanding Voltage: 550 volts AC
Contact Resistance: 25mΩ or less
Insulation Resistance: 1000MΩ or more at 500 volts DC
Current Rating: 0.5 Ampere/contact
Flammability: UL 94 V-0
Temperature Range: -55°C to + 105°C

Plating Description:

TG = 10 μinch (.254 μm) minimum
Gold on contact area
80 μinch (2.03 μm) minimum
Tin on terminal area
Underplate of 80 μinch (2.03 μm) minimum nickel

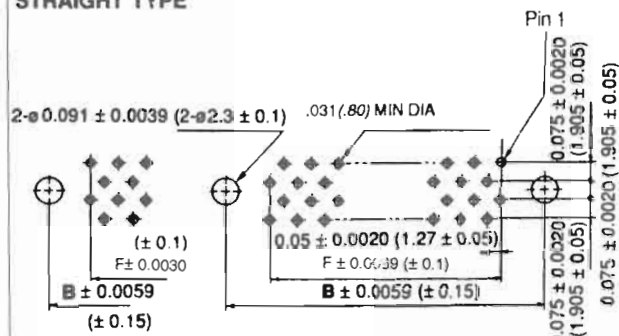
Contact factory for additional plating options.

Agency Approval:



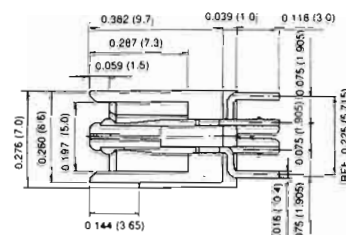
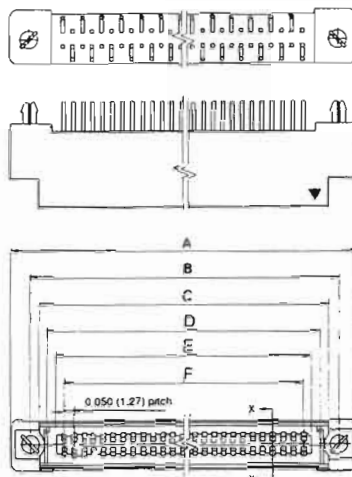
E73746

PLUGS

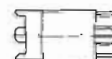
STRAIGHT TYPE

26,30, 34, 50 PIN

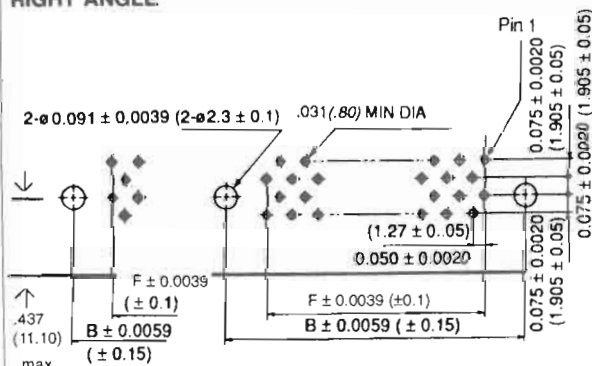
20, 32, 40, 52
60, 68, 80, 100 PIN



SECTION X-X

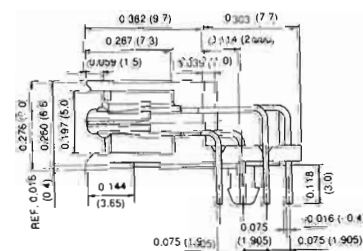
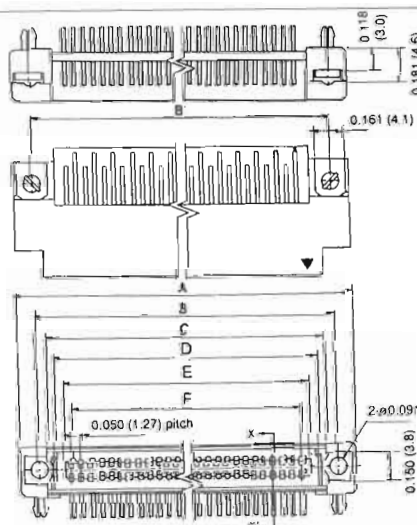


RIGHT ANGLE

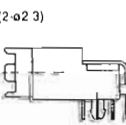


26, 30, 34, 50 PIN

20, 32, 40, 52
60, 68, 80, 100 PIN



SECTION X-X



DIMENSIONS FOR PLUGS

No. of Contacts	A	B	C	D	E	F
20	1.001 (25.43)	.800 (20.32)	.702 (17.83)	.623 (15.83)	.513 (13.03)	.450 (11.43)
26	1.151 (29.24)	.950 (24.13)	.852 (21.64)	.773 (19.64)	.663 (16.84)	.600 (15.24)
30	1.251 (31.78)	1.050 (26.67)	.952 (24.18)	.873 (22.18)	.763 (19.38)	.700 (17.78)
32	1.301 (33.05)	1.100 (27.94)	1.002 (25.45)	.923 (23.45)	.813 (20.65)	.750 (19.05)
34	1.351 (34.32)	1.150 (29.21)	1.052 (26.72)	.973 (24.72)	.863 (21.92)	.800 (20.32)
40	1.501 (38.13)	1.300 (33.02)	1.202 (30.53)	1.123 (28.53)	1.013 (25.73)	.950 (24.13)

No. of Contacts	A	B	C	D	E	F
50	1.751 (44.48)	1.550 (39.37)	1.452 (36.88)	1.373 (34.88)	1.263 (32.08)	1.200 (30.48)
52	1.801 (45.75)	1.600 (40.64)	1.502 (38.15)	1.423 (36.15)	1.313 (33.35)	1.250 (31.75)
60	2.001 (50.83)	1.800 (45.72)	1.702 (43.23)	1.623 (41.23)	1.513 (38.43)	1.450 (36.83)
68	2.201 (55.91)	2.000 (50.80)	1.902 (48.31)	1.823 (46.31)	1.713 (43.51)	1.650 (41.91)
80	2.501 (63.53)	2.300 (58.42)	2.202 (55.93)	2.123 (53.93)	2.013 (51.13)	1.950 (49.53)
100	3.001 (76.23)	2.800 (71.12)	2.702 (68.63)	2.623 (66.63)	2.513 (63.83)	2.450 (62.25)

Pin Out Identification

Plugs

