

1770-4051 Code Red Electrical Connector Micro-D Pin Contacts Rear Panel Mount



Micro-D
Hermetic



How To Order Code Red Light Weight Hermetic Micro-D Connectors with Rear Panel Mount

Sample Part Number	1770-4051	-2	-9	P	S	N
Series	1770-4051 Micro-D Plug, Code Red, O-Ring Mount, Pin Contacts					
Shell Material/Plating	1 = Aluminum/cadmium 4 = Aluminum/black anodize 2 = Aluminum/nickel 5 = Aluminum/gold 3 = Stainless steel/passivated 6 = Aluminum/chemfilm					
Contact Layout	9, 15, 21, 25, 31, 37, 51-2, 51, 100					
Contact Type	P = pin					
Termination Type	P = PC tail S = solder pot					
O-Ring Material	Specify per Table II (omit for standard fluorosilicone)					

Table II

DESIGNATOR	MATERIAL
C	FLUOROSILICONE, CONDUCTIVE (CHOSEAL 1298)
E	EPDM (ETHYLENE-PROPYLENE)
V	VITON (FLUOROCARBON; FKM)
N	NITRILE (BUNA-N)
S	SILICONE (ZZ-R-765)
B	BUTYL RUBBER (IIR)
K	KALREZ (FFKM)

Material/finish

Shell: al alloy or stainless steel. See p/n development
 Insulator: thermoplastic; none
 Pin contacts: copper alloy; gold plated
 O-ring: fluorosilicone blend/none
 Sealing compound: polymer encapsulant
 Coil threads: stainless steel/passivated

Notes

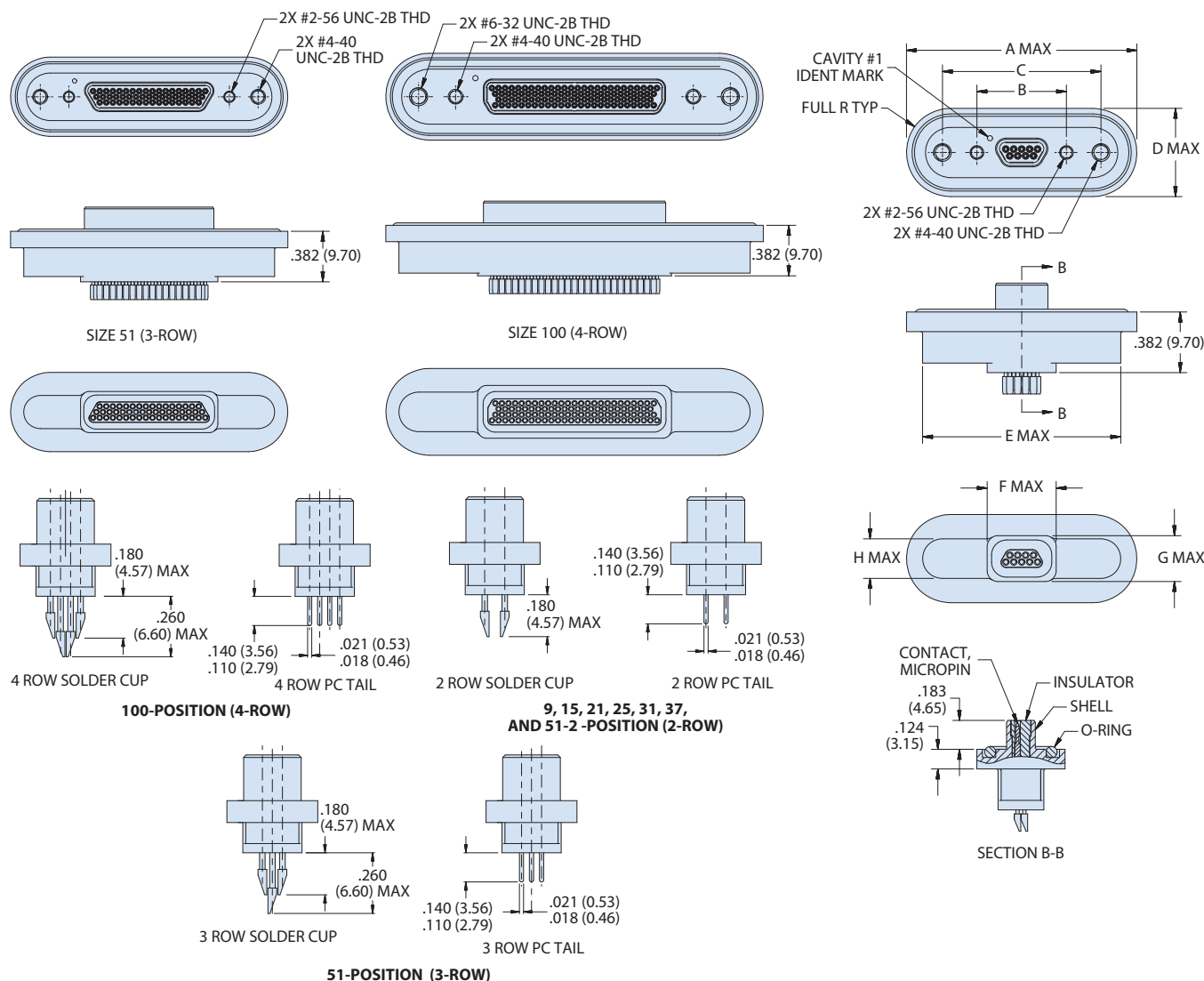
1. Marking: "Glenair", part No. and date code in approximate location shown.
2. These hermetic pin connectors mate with all standard MIL-DTL-83513 socket connectors of equivalent size.
3. 9P layout shown for reference only.
4. Connectors supplied with free running coil thd inserts in shell flange.

Performance

- Temperature range: -55°C to +150°C
- DWV (sea level): 150vac; no breakdown
- IR: 5000 MEGOHMS minimum
- Hermeticity: 1 X 10E-7 cc/sec helium @ 1 atm differential



1770-4051 Code Red Electrical Connector Micro-D Pin Contacts Rear Panel Mount



Dimensions								
NUMBER OF CONTACTS	A MAX	B	C	D MAX	E MAX	F MAX	G MAX	H MAX
9	1.464 (37.19)	0.565 (14.35)	1.000 (25.40)	0.567 (14.40)	1.260 (32.00)	0.445 (11.30)	0.299 (7.59)	0.260 (6.60)
15	1.614 (41.00)	0.715 (18.16)	1.150 (29.21)	0.567 (14.40)	1.410 (35.81)	0.595 (15.11)	0.299 (7.59)	0.260 (6.60)
21	1.764 (44.81)	0.865 (21.97)	1.300 (33.02)	0.567 (14.40)	1.560 (39.62)	0.745 (18.92)	0.299 (7.59)	0.260 (6.60)
25	1.864 (47.35)	0.965 (24.51)	1.400 (35.56)	0.567 (14.40)	1.660 (42.16)	0.845 (21.46)	0.299 (7.59)	0.260 (6.60)
31	2.014 (51.16)	1.115 (28.32)	1.550 (39.37)	0.567 (14.40)	1.810 (45.97)	0.995 (25.27)	0.299 (7.59)	0.260 (6.60)
37	2.164 (54.97)	1.265 (32.13)	1.700 (43.18)	0.567 (14.40)	1.960 (49.78)	1.145 (29.08)	0.299 (7.59)	0.260 (6.60)
51-2	2.514 (63.86)	1.615 (41.02)	2.050 (52.07)	0.567 (14.40)	2.310 (58.67)	1.495 (37.97)	0.299 (7.59)	0.260 (6.60)
51	2.110 (53.59)	1.215 (30.86)	1.650 (41.91)	0.610 (15.49)	1.910 (48.51)	1.055 (26.80)	0.322 (8.18)	0.260 (6.60)
100	2.868 (72.85)	1.800 (45.72)	2.360 (59.94)	0.667 (16.94)	2.670 (67.82)	1.480 (37.59)	0.410 (10.41)	0.310 (7.87)

**1770-4051 Code Red Electrical Connector
Micro-D Pin Contacts
Rear Panel Mount**

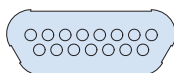


Micro-D
Hermetic

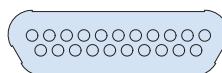
Contact Layout



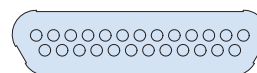
9-POSITION



15-POSITION



21-POSITION



25-POSITION



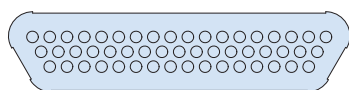
31-POSITION



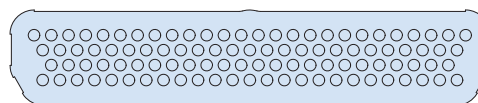
37-POSITION



51-POSITION (2-ROW)



51-POSITION (3-ROW)



100 POSITION

H