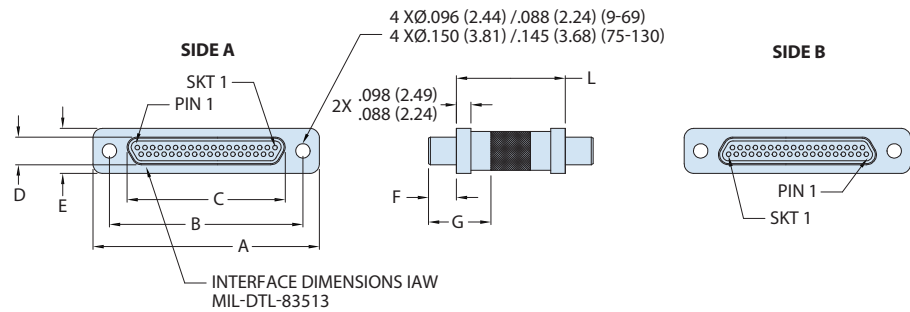


177-998 Micro-D gender changer assembly, size 9 thru 130

NOTES

- Material/finish:
Shell: aluminum alloy/see PN development
Contacts: copper alloy/gold plate
Insulator: LCP
Potting: hysol epoxy #4215.
- Connectors are wired pin 1 to pin 1, pin 2 to pin 2, etc.
- Assemble, inspect, and test IAW MIL-DTL-83513.
- Performance:
Dielectric withstanding voltage: sea level 600 vac
Insulation resistance: 5000 megohms minimum.

HOW TO ORDER						
Sample Part No.	177-998	-9	P	2	-P	M
Product	177-998 = Gender Changer					
Shell Size	9, 15, 21, 25, 31, 37, 51, 67, 69, 75, 100, 130					
Gender	P = Pin/Pin S = Socket/Socket					
Shell Finish	1 = Cadmium 2 = Nickel 5 = Gold 6 = Chem Film 3 = Passivated Stainless Steel					
Side A Hardware Type	B = Thru Hole P = Jackpost H = Threaded Insert M = Jackscrew, Low Profile Hex Head					
Side B Hardware Type	B = Thru Hole P = Jackpost H = Threaded Insert M = Jackscrew, Low Profile Hex Head					



DIMENSIONS								
Shell Size	A Max	B ±.003	C Max	D Max	E Max	F ±.003	G Max	L ±.030
9P	0.785 (19.94)	0.565 (14.35)	0.333 (8.46)	0.184 (4.67)	0.308 (7.82)	0.183 (4.65)	0.416 (10.57)	1.000 (25.40)
9S	0.785 (19.94)	0.565 (14.35)	0.400 (10.16)	0.250 (6.35)	0.308 (7.82)	0.195 (4.95)	0.429 (10.90)	1.000 (25.40)
15P	0.935 (23.75)	0.715 (18.16)	0.483 (12.27)	0.184 (4.67)	0.308 (7.82)	0.183 (4.65)	0.416 (10.57)	1.000 (25.40)
15S	0.935 (23.75)	0.715 (18.16)	0.551 (14.00)	0.250 (6.35)	0.308 (7.82)	0.195 (4.95)	0.429 (10.90)	1.000 (25.40)
21P	1.085 (27.56)	0.865 (21.97)	0.633 (16.08)	0.184 (4.67)	0.308 (7.82)	0.183 (4.65)	0.416 (10.57)	1.000 (25.40)
21S	1.085 (27.56)	0.865 (21.97)	0.701 (17.81)	0.250 (6.35)	0.308 (7.82)	0.195 (4.95)	0.429 (10.90)	1.000 (25.40)
25P	1.185 (30.10)	0.965 (24.51)	0.733 (18.62)	0.184 (4.67)	0.308 (7.82)	0.183 (4.65)	0.416 (10.57)	1.000 (25.40)
25S	1.185 (30.10)	0.965 (24.51)	0.801 (20.35)	0.250 (6.35)	0.308 (7.82)	0.195 (4.95)	0.429 (10.90)	1.000 (25.40)
31P	1.335 (33.91)	1.115 (28.32)	0.883 (22.43)	0.184 (4.67)	0.308 (7.82)	0.183 (4.65)	0.416 (10.57)	1.000 (25.40)
31S	1.335 (33.91)	1.115 (28.32)	0.951 (24.16)	0.250 (6.35)	0.308 (7.82)	0.195 (4.95)	0.429 (10.90)	1.000 (25.40)
37P	1.485 (37.72)	1.265 (32.13)	1.033 (26.24)	0.184 (4.67)	0.308 (7.82)	0.183 (4.65)	0.416 (10.57)	1.000 (25.40)
37S	1.485 (37.72)	1.265 (32.13)	1.101 (27.97)	0.250 (6.35)	0.308 (7.82)	0.195 (4.95)	0.429 (10.90)	1.000 (25.40)
51P	1.435 (36.45)	1.215 (30.86)	0.983 (24.97)	0.228 (5.79)	0.351 (8.92)	0.183 (4.65)	0.416 (10.57)	1.500 (38.10)
51S	1.435 (36.45)	1.215 (30.86)	1.051 (26.70)	0.296 (7.52)	0.351 (8.92)	0.195 (4.95)	0.429 (10.90)	1.500 (38.10)
51-2P	1.835 (46.61)	1.615 (41.02)	1.384 (35.15)	0.184 (4.67)	0.310 (7.87)	0.183 (4.65)	0.416 (10.57)	1.000 (25.40)
51-2S	1.835 (46.61)	1.615 (41.02)	1.450 (36.83)	0.250 (6.35)	0.310 (7.87)	0.195 (4.95)	0.429 (10.90)	1.000 (25.40)
67P	2.235 (56.77)	2.015 (51.18)	1.784 (45.31)	0.184 (4.67)	0.310 (7.87)	0.183 (4.65)	0.416 (10.57)	1.000 (25.40)
67S	2.235 (56.77)	2.015 (51.18)	1.850 (46.99)	0.250 (6.35)	0.310 (7.87)	0.195 (4.95)	0.429 (10.90)	1.000 (25.40)
69P	1.735 (44.07)	1.515 (38.48)	1.284 (32.61)	0.228 (5.79)	0.351 (8.92)	0.183 (4.65)	0.416 (10.57)	1.500 (38.10)
69S	1.735 (44.07)	1.515 (38.48)	1.350 (34.29)	0.296 (7.52)	0.351 (8.92)	0.195 (4.95)	0.429 (10.90)	1.500 (38.10)
75P	2.080 (52.83)	1.705 (43.31)	1.384 (35.15)	0.228 (5.79)	0.351 (8.92)	0.183 (4.65)	0.416 (10.57)	1.500 (38.10)
75S	2.080 (52.83)	1.705 (43.31)	1.450 (36.83)	0.296 (7.52)	0.351 (8.92)	0.195 (4.95)	0.429 (10.90)	1.500 (38.10)
100P	2.170 (55.12)	1.800 (45.72)	1.383 (35.13)	0.270 (6.86)	0.394 (10.01)	0.183 (4.65)	0.429 (10.90)	1.500 (38.10)
100S	2.170 (55.12)	1.800 (45.72)	1.451 (36.86)	0.333 (8.46)	0.394 (10.01)	0.195 (4.95)	0.416 (10.57)	1.500 (38.10)
130P	2.520 (64.01)	2.160 (54.86)	1.735 (44.07)	0.270 (6.86)	0.394 (10.01)	0.183 (4.65)	0.429 (10.90)	1.500 (38.10)
130S	2.520 (64.01)	2.160 (54.86)	1.795 (45.59)	0.333 (8.46)	0.394 (10.01)	0.195 (4.95)	0.416 (10.57)	1.500 (38.10)