180-091
MIL-DTL-38999 Series III Type
Fiber Optic Connection System
Contact Arrangements

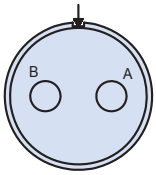
D38999
Series III

B

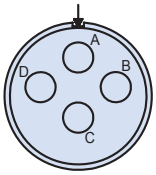
MIL-DTL-38999 type advanced fiber optic connectors



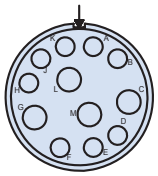




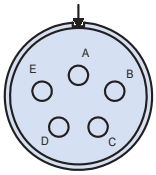
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Arrangement 2



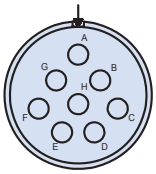
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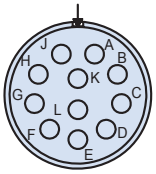
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Arrangement 97



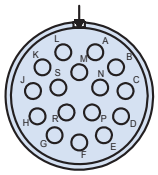
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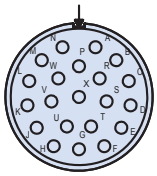
Shell Size 17
Arrangement 8



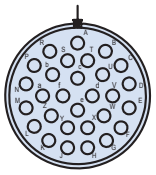
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Arrangement 11



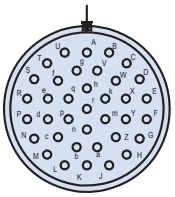
Shell Size 21
Arrangement 16



Shell Size 23
Arrangment 21



Shell Size 25
Arrangement 29



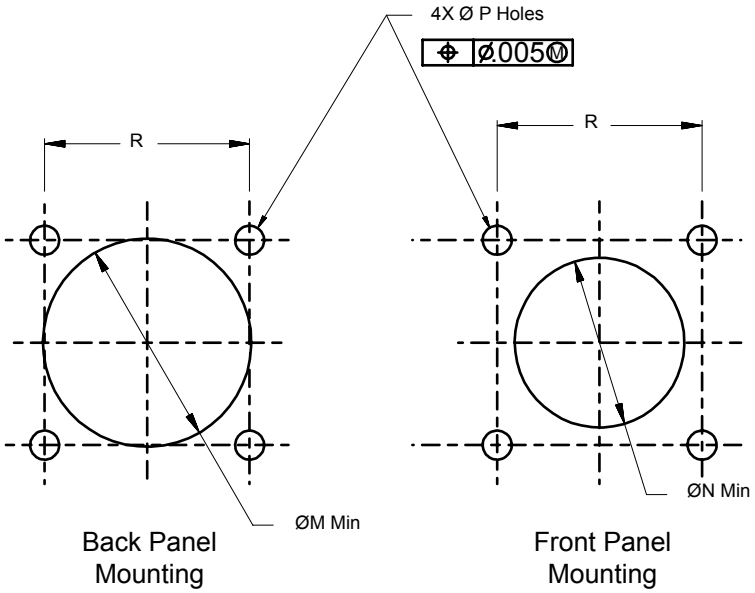
Shell Size 25
Arrangement 37

Mating face of pin insert shown

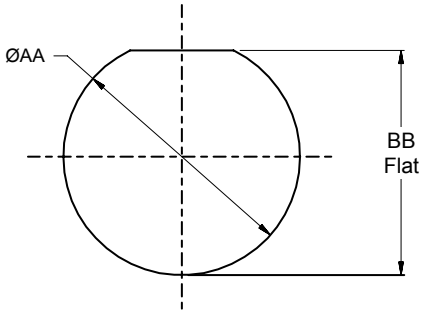
Contact Arrangements per MIL-STD-1560

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Table I							
Shell Size Code	Shell Size	Ø AA	BB Flat	Ø M Min	ØN Min	Ø P Holes	R BSC
B	11	.835 (21.2) .825 (21.0)	.771 (19.6) .761 (19.3)	.796 (20.2)	.625 (15.9)	.133 (3.4) .123 (3.1)	.812 (20.6)
C	13	1.020 (25.9) 1.010 (25.7)	.955 (24.3) .945 (24.0)	.922 (23.4)	750 (19.1)	.133 (3.4) .123 (3.1)	.906 (23.0)
D	15	1.145 (29.1) 1.135 (28.8)	1.085 (27.6) 1.075 (27.3)	1.047 (26.6)	.906 (23.0)	.133 (3.4) .123 (3.1)	.969 (24.6)
E	17	1.270 (32.3) 1.260 (32.0)	1.210 (30.7) 1.200 (30.5)	1.219 (31.0)	1.016 (25.8)	.133 (3.4) .123 (3.1)	1.062 (27.0)
F	19	1.395 (35.4) 1.385 (35.2)	1.335 (33.9) 1.325 (33.7)	1.297 (32.9)	1.141 (29.0)	.133 (3.4) .123 (3.1)	1.156 (29.4)
G	21	1.520 (38.6) 1.510 (38.4)	1.460 (37.1) 1.450 (36.8)	1.422 (36.1)	1.266 (32.2)	.133 (3.4) .123 (3.1)	1.250 (31.8)
H	23	1.645 (41.8) 1.635 (41.5)	1.585 (40.3) 1.575 (40.0)	1.547 (39.3)	1.375 (34.9)	.159 (4.0) .149 (3.8)	1.375 (34.9)
J	25	1.770 (45.0) 1.760 (44.7)	1.710 (43.4) 1.700 (43.2)	1.672 (42.5)	1.484 (37.7)	.155 (3.9) .145 (3.7)	1.500 (38.1)



Recommended Panel Cutout
Wall Mount Receptacle



Recommended Panel Cutout
Jam Nut Receptacle

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