

527-475
RFI/EMI Composite Split Backshell Assembly
 for Size 1 ARINC 600 Series Connector



ARINC 600 Series connector backshells are designed to replace the insert retainer plates. Due to non-standard modifications by the connector manufacturer, the backshell may require special design alterations to mate properly. The following should be used to determine if a backshell modification is required. Prior to ordering, consult a factory with connector part numbers not shown to ensure a proper fit:

CONNECTOR DESIGNATOR:

P	All manufacturers' plug and receptacle shells except for those listed below (prior to ordering, consult factory with connector part numbers not listed below to ensure a proper fit):
P1	Cannon BKAD****322 Series Plug
P2	Cannon/Radial Environmental Plug
P3	Cannon/Boeing BACC66 Plug
P5	Radial/Boeing BACC66 Plug
P6	Cannon BKAC & BKAE****322 Series Environmental Plug

TABLE I: Dash Number & Dimensions

Dash No.	Entry Dia	K Dim	L Dim
2	.250 (6.35)	.080 (2.03)	.220 (5.59)
3	.380 (9.65)	.080 (2.03)	.280 (7.11)
4	.500 (12.7)	.080 (2.03)	.330 (8.38)
5	.630 (16.00)	.080 (2.03)	.420 (10.67)
6	.750 (19.05)	.080 (2.03)	.500 (12.70)
7	.870 (22.10)	.080 (2.03)	.560 (14.22)

TABLE II: FINISH

Symbol	Finish Description
XM	2000 Hour Corrosion Resistant Electroless Nickel
XO	No Plating
XMT	2000 Hour Corrosion Resistant Ni-PTFE, Nickel-Fluorocarbon Polymer. 1000 Hour Grey™
XW	2000 Hour Corrosion Resistant Cadmium/Olive Drab over Electroless Nickel

APPLICATION NOTES

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| <ol style="list-style-type: none"> Assembly identified with manufacturer's name and P/N, space permitting. Material/Finish:
Backshell - High grade engineering thermoplastic/See Table II.
Gasket - Metex/N.A
Hardware - CRES/Passivate. | <ol style="list-style-type: none"> Existing insert retainer in conjunction with supplied screws. Metric dimensions (mm) are indicated in parentheses. |
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