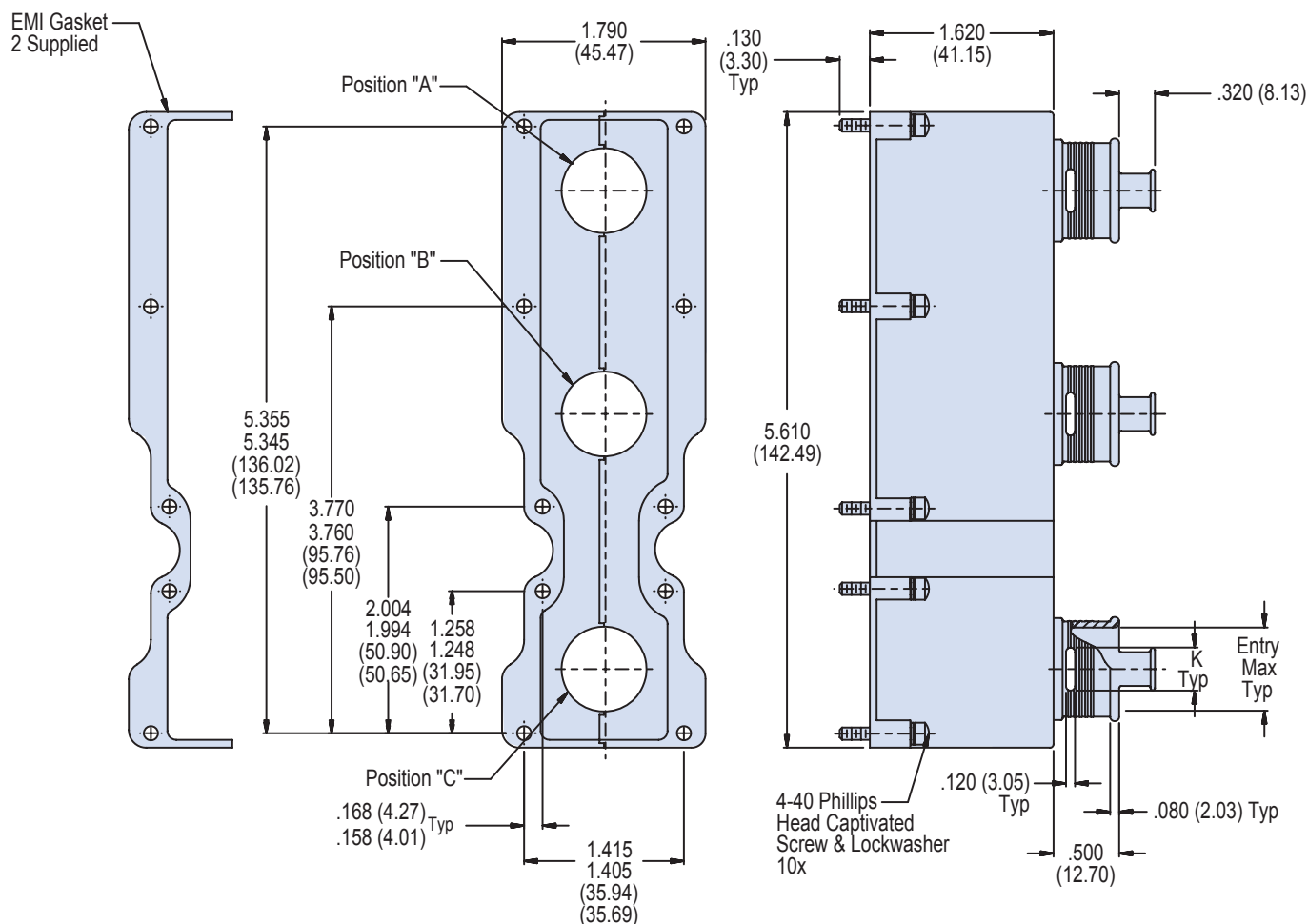
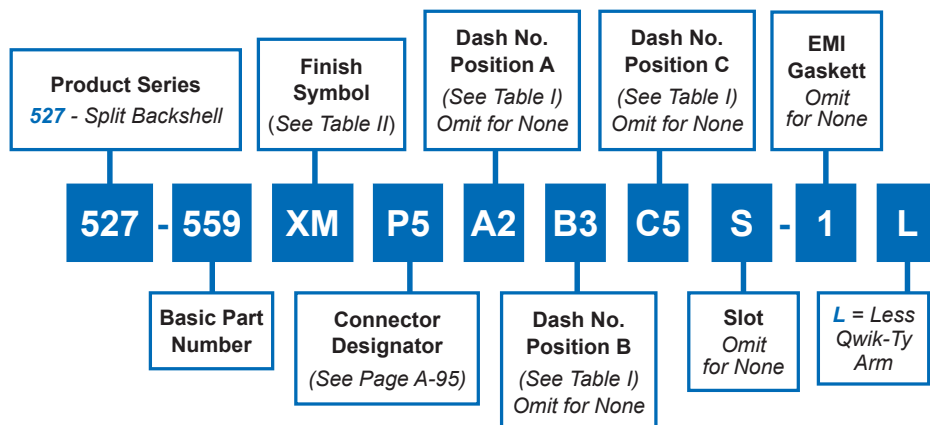


527-559
RFI/EMI Composite Split Backshell Assembly
for Size 2 ARINC 600 Series Connector



527-559

RFI/EMI Composite Split Backshell Assembly for Size 2 ARINC 600 Series Connector



Composite
Backshells

A

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/Radiall Environmental Plug
P3	Cannon/Boeing BACC66 Plug
P5	Radiall/Boeing BACC66 Plug
P6	Cannon BKAC & BKAE****322 Series Environmental Plug

TABLE I: Dash Number and Dimensions

Dash No.	Entry Dia	K Dim
4	.500 (12.70)	.380 (9.65)
5	.630 (16.00)	.470 (11.94)
6	.750 (19.05)	.560 (14.22)
8	1.000 (25.40)	.690 (17.53)
9	1.120 (28.45)	.780 (19.81)

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

- 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.
- Existing insert retainer in conjunction with supplied screws.
- Metric dimensions (mm) are indicated in parentheses.