

527-193

EMI/RFI Backshell Assembly

for Size 3 ARINC 600 Series Connectors

527 193 M A10 B10 C10 C

Product Series ————

Basic Number ————

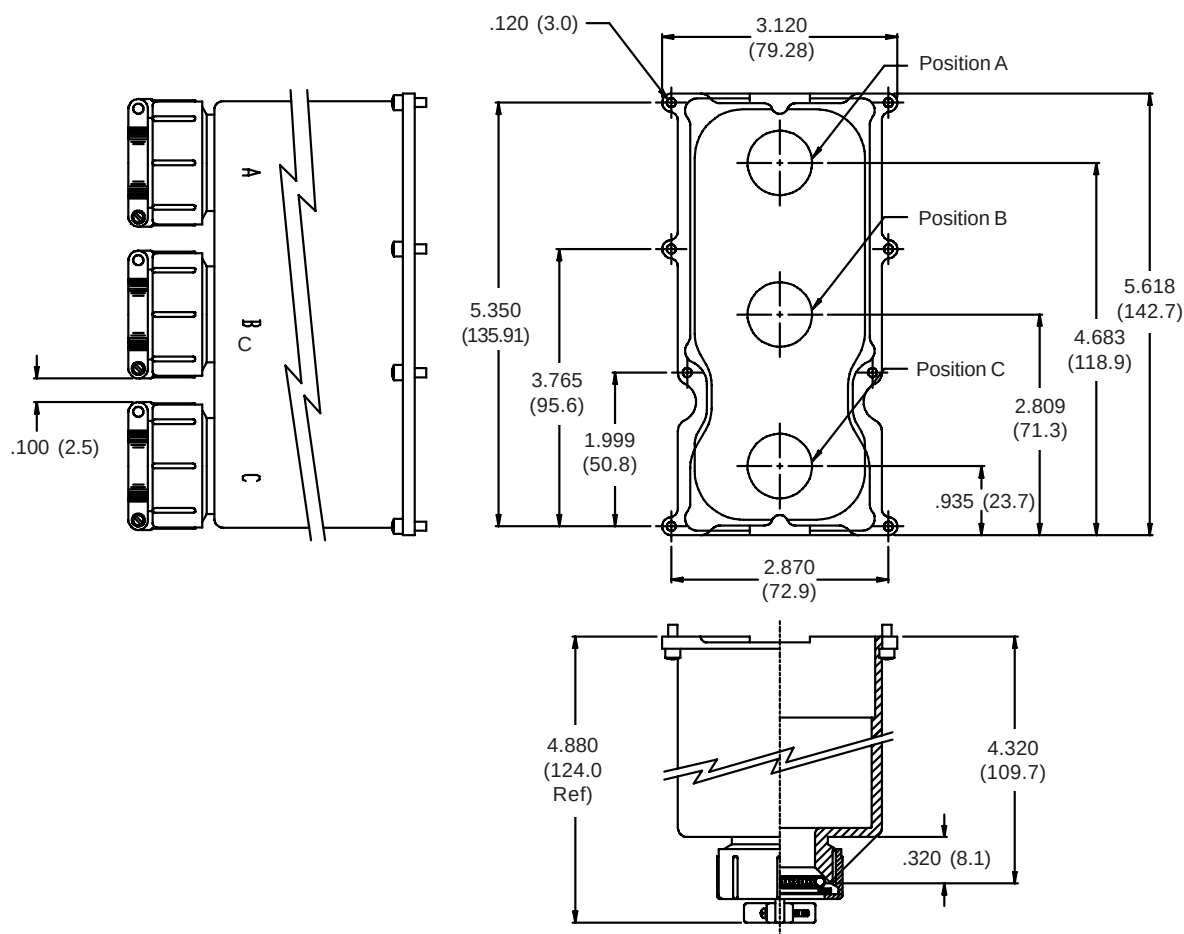
Finish (Table II) ————

Dash No. Position A (Table I) ————

C = Cable Clamp
N = No Cable Clamp

Dash No. Position C (Table I) ————

Dash No. Position B (Table I) ————



Metric dimensions (mm) are indicated in parentheses.

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ARINC 600
Backshells

TABLE I: CABLE ENTRY

Dash No.	Cable Range		X	
	Min	Max	Dia	
01	.062 (1.6)	.125 (3.2)	.620	(15.7)
02	.125 (3.2)	.250 (6.4)	.750	(19.1)
03	.157 (4.0)	.375 (9.5)	.870	(22.1)
04	.282 (7.2)	.500 (12.7)	1.000	(25.4)
05	.407 (10.3)	.625 (15.9)	1.120	(28.4)
06	.532 (13.5)	.750 (19.1)	1.250	(31.8)
07	.657 (16.7)	.875 (22.2)	1.370	(34.8)
08	.782 (19.9)	1.000 (25.4)	1.500	(38.1)
09	.907 (23.0)	1.125 (28.6)	1.620	(41.1)
10	1.032 (26.2)	1.250 (31.8)	1.750	(44.5)

**TABLE II:
FINISH OPTIONS**

Symbol	Finish
B	Cadmium Plate/Olive Drab
C*	Black Anodize
G*	Anodic Hard Coat
J	Gold Iridite over Cadmium Plate over Electroless Nickel
LF	Cadmium Plate/Bright over Electroless Nickel
M	Electroless Nickel
N	Cadmium Plate/Olive Drab over Electroless Nickel
NC	Zinc Cobalt/Dark Olive Drab
NF	Cadmium Plate/Olive Drab over Electroless Nickel
T	Cadmium Plate/Bright over Electroless Nickel
U**	Cadmium Plate/Black
ZN	Zinc-Nickel Alloy/Olive Drab

*Anodize finish is not suitable for EMI shielding or grounding applications.

**Applicable to corrosion resisting steel backshells and accessories. Consult factory for other available finishes.

TABLE III: CONNECTOR DESIGNATOR

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 factory with connector part numbers not shown to ensure a proper fit.

Connector Designator	Connector Description
P	All Manufacturer's 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 BACC 66 Plug
P5	Radiall/Boeing BACC66 Plug
P6	Cannon BKAC & BKAE XXX322 Series Environmental Plug

Metric dimensions (mm) are indicated in parentheses.