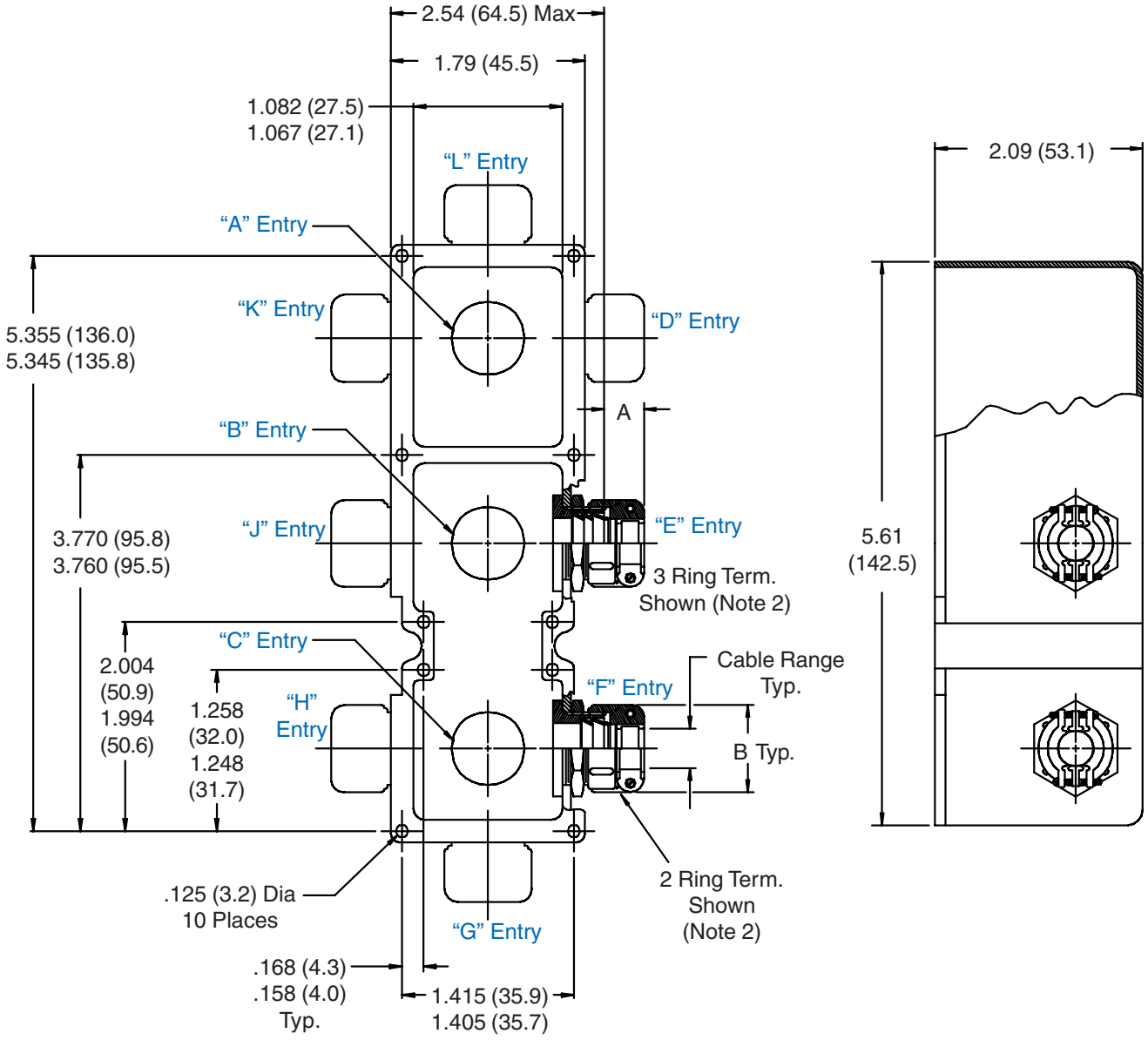
527-025
Strain Relief Backshell
for Size 2 ARINC 600 Series Connectors

527-025 NF P1 A08 C12 D12 T S

- Basic Part No.
- Finish (Table II)
- Connector Designator (Table III)
- Entry Location (A, B, C, D, E, F, G, H, J, K, L) and Dash No. (Table I), 3 Entry Combinations Max
- S = Safety Wire Holes on Hex Locknuts, Omit For None
- Termination Style (Note 2) D = 2 Ring, T = 3 Ring



Metric dimensions (mm) are indicated in parentheses.

© 2004 Glenair, Inc.

527-025
Strain Relief Backshell
for Size 2 ARINC 600 Series Connectors

TABLE I: CABLE ENTRY

Dash No.	A Max		B Max		Cable Range Min		Cable Range Max	
03	.760	(19.3)	.844	(21.4)	.157	(4.0)	.250	(6.4)
04	.760	(19.3)	.906	(23.0)	.187	(4.7)	.312	(7.9)
06	.760	(19.3)	1.093	(27.8)	.281	(7.1)	.437	(11.1)
08	.760	(19.3)	1.187	(30.1)	.344	(8.7)	.562	(14.3)
10	.760	(19.3)	1.281	(32.5)	.375	(9.5)	.625	(15.9)
12	.760	(19.3)	1.500	(38.1)	.438	(11.1)	.750	(19.1)
16	1.073	(27.3)	1.719	(43.7)	.562	(14.3)	.938	(23.8)

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

1. Metric dimensions (mm) are indicated in parentheses.
2. Designate Symbol "T" (3 ring termination) for termination of individual and overall braid. Designate symbol "D" (2 ring termination) for termination of individual or overall braid.
3. Material/Finish:
   Backshell, Nuts, Clamps, Ferrule = Al Alloy/See Table II
   Hardware = SST/Passivate

© 2004 Glenair, Inc.