527-149
ARINC 600 Size 2 Backshell, Strain Relief

- Saddle Clamp Strain Relief
- For Unshielded Cables



527-149

This strain-relief backshell fits ARINC 600 Size 2 connectors.

Saddle clamps have adapter code H metric thread interface (*ref. 620HS011*). Backshell attaches to connector insert retainer plate threaded holes using 4-40 screws supplied with backshell. Stainless steel hardware.

PART NUMBER

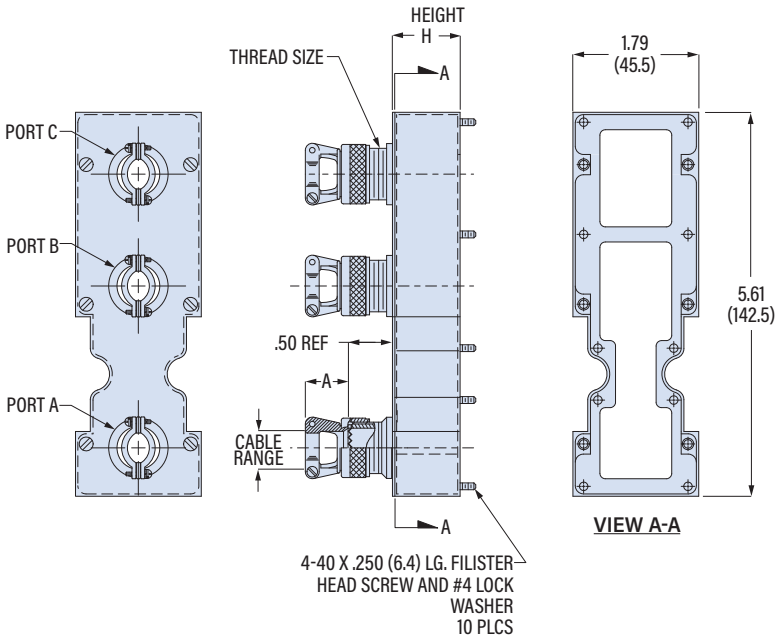
	Sample PN→	527-149	M	P	A4	B7	C05	E
Base P/N	527-149							
Finish	**M** Electroless Nickel **MT** Nickel-PTFE **TZ** Tin-Zinc **NF** Olive Drab Cadmium							
Connector Code	**P P1 P2 P3 P5 P6** *See Table 1*							
Port A Entry Size	***Omit*** Port A Deleted **A1 A2 A3 A4 A5 A6 A7 A8 A9** *See Table 1* *For threaded port (no clamp), add "L" prefix (E.g:"LA4")*							
Port B Entry Size	***Omit*** Port B Deleted **B1 B2 B3 B4 B5 B6 B7 B8 B9** *See Table 1* *For threaded port (no clamp), add "L" prefix (E.g:"LB6")*							
Port C Entry Size	***Omit*** Port C Deleted **C1 C2 C3 C4 C5 C6 C7 C8 C9** *See Table 1* *For threaded port (no clamp), add "L" prefix (E.g:"LC8")*							
Height	***Omit*** 1.50 (38.1) **E** 2.00 (50.8) **F** 2.50 (63.5)							

TABLE 1
CONNECTOR CODE

P	All Manufacturers (*unless listed below*) Due to non-standard connector modifications this backshell may require design alterations to fit properly. Consult factory to ensure a proper fit. *Remove and discard insert retainer plates*
P1	ITT Cannon BKAD****322 Plug *Remove and discard insert retainer plate*
P2	ITT Cannon/Radiall Environmental Plug *Attach backshell to insert retainer plate*
P3	ITT Cannon / Boeing BACC66 Plug *Remove and discard insert retainer plate*
P5	Radiall / Boeing BACC66 Plug *Remove and discard insert retainer plate*
P6	ITT Cannon BKAC & BKAE****322 Envir. Plug *Attach backshell to insert retainer plate*

TABLE 2
ENTRY SIZE

Entry Size	Thread Size X1.0	A In	A mm	Cable Range Min In	Cable Range Min mm	Cable Range Max In	Cable Range Max mm
1	M12	.800	20.3	.098	2.5	.234	5.9
2	M15	.820	20.8	.153	3.9	.234	5.9
3	M18	.870	22.1	.190	4.8	.328	8.3
4	M22	.840	21.3	.260	6.6	.457	11.6
5	M25	.910	23.1	.283	7.2	.614	15.6
6	M28	1.000	25.4	.325	8.3	.634	16.1
7	M31	1.030	26.2	.343	8.7	.698	17.7
8	M34	1.160	29.5	.381	9.7	.823	20.9
9	M37	1.190	30.2	.418	10.6	.853	21.7



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