

Straight Strain Relief Backshell

4LV83/B2



4LV83/B2 S 24 N

- 1 **BASIC PART NUMBER**
4LV83/B2 Straight Strain Relief Backshell
- 2 **SELF-LOCKING**
N Normal
S Self-Locking
- 3 **SHELL SIZE**
See Table 1
- 4 **MATERIAL & FINISH**
A Aluminum, Black Anodize (Non-Self-locking Only)
N Aluminum, Electroless Nickel
W Aluminum, Olive Drab

Quick Tip

Standard Strain Relief for Indoor Use Only

Provides minimum strain relief protection required by all cable plugs or cable connecting receptacles. Use self-locking design for high vibration environments. Upgrade to environmental EMI/RFI shielded backshells for outdoor, harsh environment, and mission critical applications.

Compatible Series

MIL-C-83723 Series III (Bayonet)	M83723/71, /72, /73, /74, /75, /76, /77, /78
MIL-C-83723 Series III (Threaded)	M83723/82, /83, /84, /85, /86, /87, 91, /92, /95, /96
Amphenol MT Series	MT30, MT34, MT36, MT38, MT37, MT35, MT36

Matching accessory thread dimensions provide full compatibility with the above military and commercial series.

Table 1

Shell Size	A Thread Class 2B	E Dia. Max Self-Locking	F Max Self-Locking	G ± .062 (1.6)	Cable Entry	
					Min	Max
8	.500 - 20 UNF	.885 (22.5)	.73 (18.5)	.732 (18.6)	.125 (3.2)	.204 (5.2)
10	.625 - 24 UNF	1.010 (25.7)	.85 (21.6)	.812 (20.6)	.187 (4.7)	.286 (7.3)
12	.750 - 20 UNEF	1.135 (28.8)	.98 (24.9)	.968 (24.6)	.291 (7.4)	.416 (10.6)
14	.875 - 20 UNEF	1.260 (32.0)	.98 (24.9)	1.026 (26.1)	.351 (8.9)	.476 (12.1)
16	1.000 - 20 UNEF	1.385 (38.4)	1.10 (27.9)	1.299 (33.0)	.501 (12.7)	.626 (15.9)
18	1.062 - 18 UNEF	1.510 (38.4)	1.35 (34.3)	1.431 (36.3)	.518 (13.2)	.706 (17.9)
20	1.188 - 18 UNEF	1.635 (41.5)	1.48 (37.6)	1.537 (39.0)	.581 (14.8)	.831 (21.1)
22	1.313 - 18 UNEF	1.760 (44.7)	1.60 (40.6)	1.633 (41.5)	.644 (16.4)	.956 (24.3)
24	1.438 - 18 UNEF	1.885 (47.9)	1.73 (43.9)	1.755 (44.6)	.706 (17.9)	1.081 (27.5)

Dimensions are in inches, (mm)

