

M83723/35S

Straight Non-Environmental Strain Relief Backshell



Non-Environmental
Backshells

CONNECTOR DESIGNATOR:

K MIL-DTL-83723 Series II

Basic
Part Number

Shell
Size

M83723/35S

- 22

A

Finish

A = Anodize Black

R = Electroless Nickel

APPLICATION NOTES

1. For complete dimensions see the applicable Military Specification.
2. Metric dimensions (mm) are in parentheses.
3. Cable Range is defined as the accommodation range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.

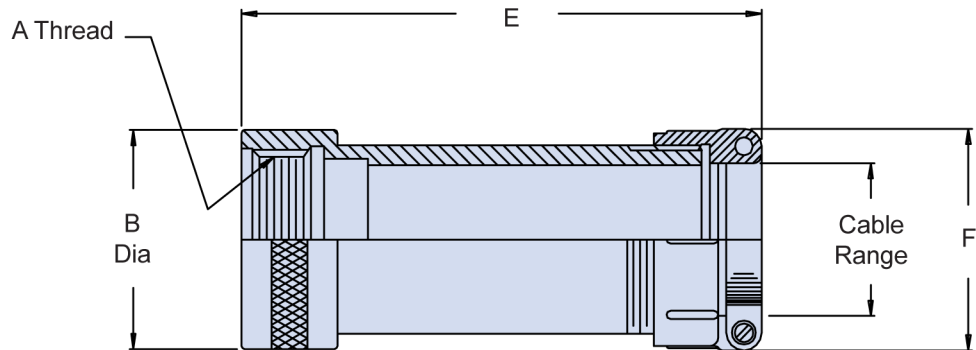


TABLE I: Shell Size, Cable Range and Dimensions

Shell Size	Shell Size (s) (Ref)	A Thread Class 2B	B Dia Max	E Max	F Max	Cable Range	
						Min	Max
08	8S	.438 - 28 UNEF	.590 (15.0)	1.290 (32.8)	.843 (21.4)	.125 (3.2)	.235 (6.0)
10	10S	.500 - 28 UNEF	.650 (16.5)	1.290 (32.8)	.843 (21.4)	.125 (3.2)	.235 (6.0)
11	10SL	.562 - 24 UNEF	.730 (18.5)	1.290 (32.8)	.906 (23.0)	.170 (4.3)	.297 (7.5)
13	12 & 12S	.625 - 24 UNEF	.770 (19.6)	1.290 (32.8)	1.085 (27.6)	.170 (4.3)	.297 (7.5)
15	14 & 14S	.625 - 24 UNEF	.910 (23.1)	1.368 (34.7)	1.093 (27.8)	.235 (6.0)	.422 (10.7)
16	16	.750 - 20 UNEF	1.030 (26.2)	1.587 (40.3)	1.275 (32.4)	.295 (7.5)	.547 (13.9)
17	16S	.750 - 20 UNEF	1.030 (26.2)	1.430 (36.3)	1.187 (30.1)	.295 (7.5)	.547 (13.9)
18	18	.875 - 20 UNEF	1.170 (29.7)	1.695 (43.1)	1.475 (37.5)	.325 (8.3)	.610 (15.5)
20	20	.875 - 20 UNEF	1.300 (33.0)	1.695 (43.1)	1.500 (38.1)	.380 (9.7)	.735 (18.7)
22	22	1.000 - 20 UNEF	1.420 (36.1)	1.695 (43.1)	1.710 (43.4)	.380 (9.7)	.735 (18.7)
24	24	1.125 - 18 UNEF	1.530 (38.9)	1.931 (49.0)	1.719 (43.7)	.500 (12.7)	.922 (23.4)
28	28	1.250 - 18 UNEF	1.800 (45.7)	1.931 (49.0)	2.040 (51.8)	.500 (12.7)	.922 (23.4)
32	32	1.375 - 18 UNEF	2.040 (51.8)	1.869 (47.5)	2.332 (59.2)	.705 (17.9)	1.235 (31.4)
36	36	2.125 - 16 UN	2.270 (57.7)	1.869 (47.5)	2.312 (58.7)	.725 (18.4)	1.360 (34.5)
40	40	2.375 - 16 UN	2.780 (70.6)	2.875 (73.0)	2.950 (74.9)	.911 (23.1)	1.630 (41.4)