

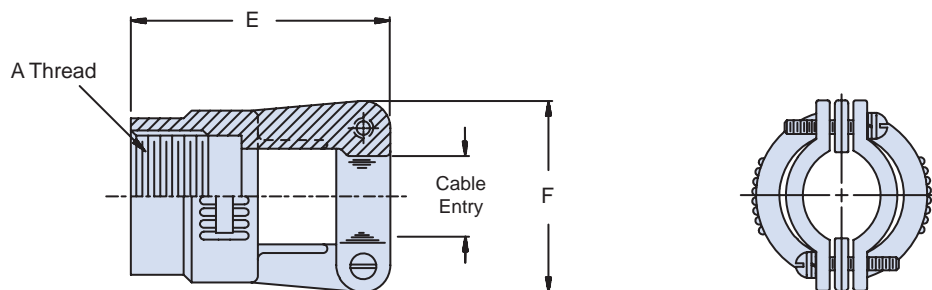
## CONNECTOR DESIGNATOR:

**J** AS81511 Series I, II, III & IV
Basic  
Part Number

Shell Size

**M81511/13****16****A1**

Adapter Connector Class Designator

*A1 = Classes E, H, and P**B1 = Classes A, B, C, F, G, and T*
**TABLE I: Shell Size, Cable Entry and Backshell Dimensions**

Shell Size	A Thread Class 2B	E Max	F Max	Cable Entry			
				Min		Max	
08	.500 - 28 UNEF	1.375 (34.9)	.775 (19.7)	.062 (1.6)	.125 (3.2)	.062 (1.6)	.125 (3.2)
10	.625 - 28 UN	1.375 (34.9)	.955 (24.3)	.125 (3.2)	.250 (6.4)	.125 (3.2)	.250 (6.4)
14	.875 - 28 UN	1.375 (34.9)	1.145 (29.1)	.250 (6.4)	.500 (12.7)	.250 (6.4)	.500 (12.7)
16	1.000 - 28 UN	1.375 (34.9)	1.210 (30.7)	.375 (9.5)	.625 (15.9)	.375 (9.5)	.625 (15.9)
18	1.125 - 28 UN	1.375 (34.9)	1.330 (33.8)	.500 (12.7)	.750 (19.1)	.500 (12.7)	.750 (19.1)
20	1.250 - 28 UN	1.452 (36.9)	1.470 (37.3)	.625 (15.9)	.875 (22.2)	.625 (15.9)	.875 (22.2)
22	1.375 - 28 UN	1.452 (36.9)	1.580 (40.1)	.750 (19.1)	1.000 (25.4)	.750 (19.1)	1.000 (25.4)
24	1.500 - 28 UN	1.452 (36.9)	1.720 (43.7)	.750 (19.1)	1.125 (28.6)	.750 (19.1)	1.125 (28.6)

**APPLICATION NOTES**

1. Assembly to be identified with manufacturer's name and part number, space permitting.
2. Cable Entry is defined as the accommodation entry for the wire bundle or cable. Dimensions are not intended for inspection criteria.
3. For complete dimensions, see the applicable Military Specification.
4. Metric dimensions (mm) are in parentheses.

Dimensions in inches (millimeters) and are subject to change without notice.

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