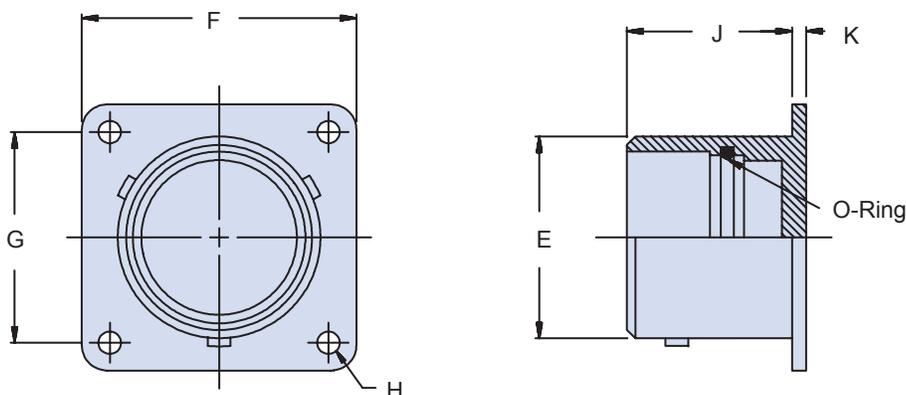


**MATING CONNECTOR**

AS81511 Series 1

**Basic  
Part No.**
**Finish:**

 1 = Cadmium Olive Drab  
 2 = Dull Chromium over Nickel

**M81511/30 - 14 1**
**Shell Size**

**TABLE I: Dash Number, Cable Entry  
and Backshell Dimensions**

Shell Size	Ø E		F Sq.		G Sq.		H		J		K	
	±.003	(.1)	±.008	(.2)	±.005	(.1)	±.005	(0.1)	±.010	(.3)	±.005	(.1)
08	.550	(14.0)	.812	(20.6)	.594	(15.1)	.121	(3.1)	.645	(16.4)	.070	(1.8)
10	.675	(17.1)	.937	(23.8)	.719	(18.3)	.121	(3.1)	.645	(16.4)	.070	(1.8)
14	.925	(23.5)	1.125	(28.6)	.906	(23.0)	.121	(3.1)	.645	(16.4)	.070	(1.8)
16	1.051	(26.7)	1.250	(31.8)	.969	(24.6)	.121	(3.1)	.645	(16.4)	.070	(1.8)
18	1.175	(29.8)	1.343	(34.1)	1.062	(27.0)	.121	(3.1)	.645	(16.4)	.070	(1.8)
20	1.300	(33.0)	1.467	(37.3)	1.156	(29.4)	.121	(3.1)	.645	(16.4)	.070	(1.8)
22	1.425	(36.2)	1.562	(39.7)	1.250	(31.8)	.121	(3.1)	.645	(16.4)	.070	(1.8)
24	1.550	(39.4)	1.703	(43.3)	1.375	(34.9)	.148	(3.8)	.645	(16.4)	.070	(1.8)

**APPLICATION NOTES**

1. Assembly to be identified with manufacturer's name and part number, space permitting.
2. For complete dimensions, see the applicable Military Specification.
3. Metric dimensions (mm) are in parentheses.

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