

Plug (Bayonet)

EV Series • MIL-DTL-83723 Series III Type Connectors



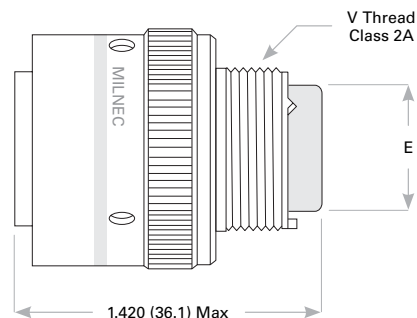
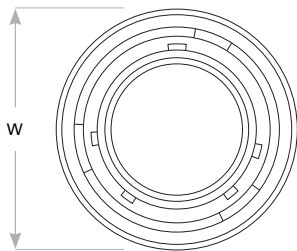
EVB6 Cross Reference & Compatibility

Compatible Brands	Equivalent	Mates
MIL-DTL-83723 Series III	M83723/75, M83723/76, M83723/77, M83723/78	M83723/71, M83723/72, M83723/73, M83723/74
Aero / Conesys	AE83375, AE83376, AE83377, AE83378	AE83371, AE83372, AE83373, AE83374
Amphenol / Matrix	MB36, MB38	MB30, MB34
Deutsch / TE	DL66	DL60, DL64

Plug Dimensions

Shell Size	W	E	V Thread Class 2A
8	.776 (19.7)	.305 (7.7)	.5000-20 UNF
10	.906 (23.0)	.405 (10.3)	.6250-24 UNEF
12	1.078 (27.4)	.531 (13.5)	.7500-20 UNEF
14	1.141 (29.0)	.665 (16.9)	.8750-20 UNEF
16	1.266 (32.2)	.790 (20.1)	1.0000-20 UNEF
18	1.375 (34.9)	.869 (22.1)	1.0625-18 UNEF
20	1.510 (38.4)	.994 (25.2)	1.1875-18 UNEF
22	1.625 (41.3)	1.119 (28.4)	1.3125-18 UNEF
24	1.760 (44.7)	1.244 (31.6)	1.4375-18 UNEF

Dimensions are in inches (mm).



EVB6 N 12-12 P N - R2(015) - 01

- 1 **BASIC PART NUMBER**
EVB6 Plug (bayonet)
EVB5 Plug with RFI grounding fingers (bayonet)
- 2 **MATERIAL & FINISH**
N Aluminum, electroless nickel
W Aluminum, olive drab cadmium
- 3 **SHELL SIZE & INSERT ARRANGEMENT**
 See Insert Arrangement Selection table, p. T-14
- 4 **CONTACT STYLE**
P Pin
S Socket
- 5 **KEYING POSITION OR INSERT ROTATION**
N Normal keying or 6, 7, 8, 9, Y
N Normal rotation or 1, 2, 3, 4, 5
- 6 **OPTIONAL BACKSHELL KIT (OMIT FOR NONE)**
B2 Straight strain relief (self-locking), p. T-24
R2() Straight EMI/RFI environmental, p. T-35
 (Add dash number for appropriate shell size, see p. T-35)
- 7 **OPTIONAL ACCESSORY KIT (OMIT FOR NONE)**
01 Protective Cover

Note: See part builder (p. T-12) for additional kit options.