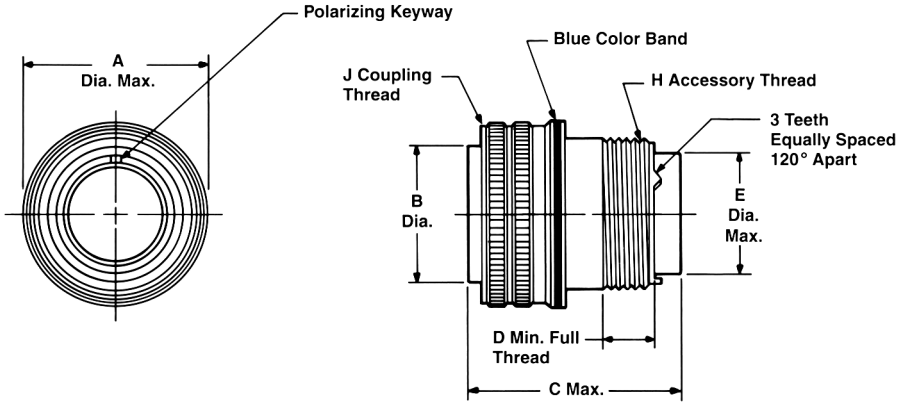
MS/Standard
MS3456
straight plug

Plug Shell,
Threaded Coupling

Military No. MS3456
Amphenol/Matrix No. 9446



To complete order number see how to order, page 29.

Shell Size*	A Dia. Max.	B Dia. ±.005	C Max. Size 16 & 12 Contacts	C Max. Size 8, 4, 0 Contacts	D Min.	E Dia. Max.	H Thread Class 2A	J Thread Class 2B
8S	.844	.360	2.031	–	.290	.305	.5000-20 UNF	.5000-28 UNEF
10S	.969	.435	2.031	–	.290	.405	.6250-24 UNEF	.6250-24 UNEF
10SL	.969	.441**	2.031	–	.290	.405	.6250-24 UNEF	.6250-24 UNEF
12	1.062	.550	2.125	–	.290	.549	.7500-20 UNEF	.7500-20 UNEF
12S	1.062	.550	2.031	–	.290	.549	.7500-20 UNEF	.7500-20 UNEF
14	1.156	.670	2.125	–	.290	.665	.8750-20 UNEF	.8750-20 UNEF
14S	1.156	.670	2.031	–	.290	.665	.8750-20 UNEF	.8750-20 UNEF
16	1.250	.800	2.125	2.500	.290	.790	1.0000-20 UNEF	1.0000-20 UNEF
16S	1.250	.800	2.031	–	.290	.790	1.0000-20 UNEF	1.0000-20 UNEF
18	1.344	.925	2.125	2.500	.290	.869	1.0625-18 UNEF	1.1250-18 UNEF
20	1.469	1.045	2.125	2.500	.290	.994	1.1875-18 UNEF	1.2500-18 UNEF
22	1.594	1.170	2.125	2.500	.290	1.119	1.3125-18 UNEF	1.3750-18 UNEF
24	1.719	1.295	2.125	2.500	.290	1.244	1.4375-18 UNEF	1.5000-18 UNEF
28	1.969	1.515	2.125	2.500	.467	1.465	1.7500-18 UNS	1.7500-18 UNS
32	2.219	1.765	2.125	2.500	.467	1.715	2.0000-18 UNS	2.0000-18 UNS
36	2.469	1.975	2.125	2.500	.467	1.930	2.2500-16 UN	2.2500-16 UN
40	2.719	2.225	2.125	2.500	.467	2.145	2.5000-16 UN	2.5000-16 UN

* Consult Amphenol, Sidney, NY for availability of shell sizes 44 and 48.
** Tolerance on this dimension is +.000 –.006

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