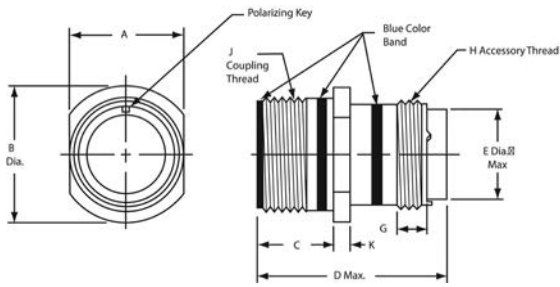
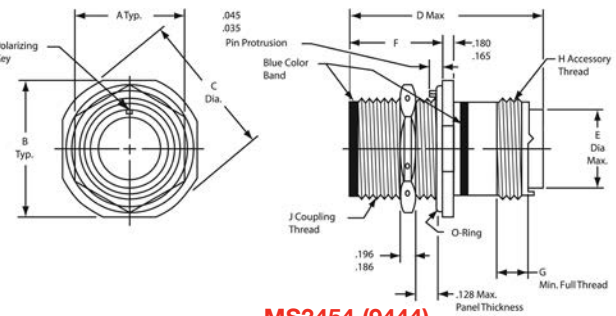


RECEPTACLES



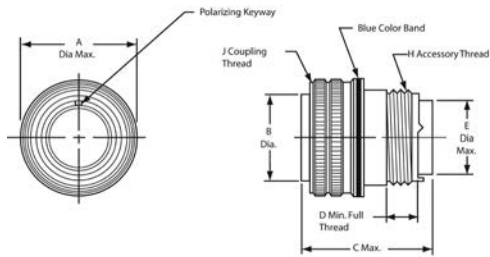
MS3451 (9441)



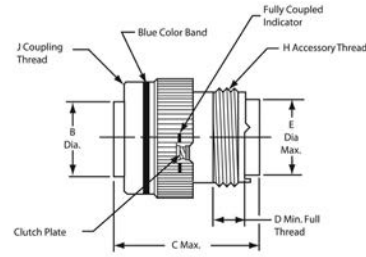
MS3454 (9444)

SHELL SIZE	MS3450, MS3451, MS3454					MS3451			MS3454			
	D MAX.		H THREAD CLASS 2A	E DIA. MAX.	G MIN.	A MAX./MIN.	B DIA. +/- .031	C MAX./ MIN.	A +/- .010	B +/- .005	C DIA. +/- .005	F +/- .005
	SIZE 16&12 CONTACTS	SIZE 8,4,0 CONTACTS										
8S	2.031	-	.5000-20 UNEF	0.305	0.290	.504/.496	0.729	.577/.562	0.687	1.187	1.272	0.720
10S	2.031	-	.6250-24 UNEF	0.405	0.290	.629/.621	0.854	.577/.562	0.812	1.312	1.397	0.720
10SL	2.031	-	.6250-24 UNEF	0.405	0.290	.629/.621	0.854	.577/.562	0.812	1.312	1.397	0.720
12	2.125	-	.7500-20 UNEF	0.549	0.290	.754/.746	0.974	.765/.750	0.937	1.437	1.522	0.970
12S	2.031	-	.7500-20 UNEF	0.549	0.290	.754/.746	0.974	.577/.562	0.937	1.437	1.522	0.720
14	2.125	-	.8750-20 UNEF	0.665	0.290	.879/.871	1.099	.765/.750	1.125	1.562	1.647	0.970
14S	2.031	-	.8750-20 UNEF	0.665	0.290	.879/.871	1.099	.577/.562	1.125	1.562	1.647	0.720
16	2.125	2.500	1.0000-20 UNEF	0.790	0.290	1.005/.996	1.224	.765/.750	1.250	1.687	1.772	0.970
16S	2.031	-	1.0000-20 UNEF	0.790	0.290	1.005/.996	1.224	.577/.562	1.250	1.687	1.772	0.720
18	2.125	2.500	1.0625-18 UNEF	0.869	0.290	1.131/1.121	1.349	.765/.750	1.375	1.812	1.897	0.970
20	2.125	2.500	1.1875-18 UNEF	0.994	0.290	1.256/1.246	1.474	.765/.750	1.500	1.937	2.022	0.970
22	2.125	2.500	1.3125-18 UNEF	1.119	0.290	1.381/1.371	1.599	.765/.750	1.625	2.156	2.241	0.970
24	2.125	2.500	1.4375-18 UNEF	1.244	0.290	1.506/1.496	1.715	.827/.812	1.750	2.281	2.366	0.970
28	2.125	2.500	1.7500-18 UNS	1.465	0.467	1.756/1.746	1.974	.827/.812	2.000	2.531	2.616	0.970
32	2.125	2.500	2.0000-18 UNS	1.715	0.467	2.007/1.996	2.224	.890/.870	2.375	2.781	2.866	0.970
36	2.125	2.500	2.2500-16 UN	1.930	0.467	2.257/2.246	2.474	.890/.870	2.625	3.031	3.116	0.970
40	2.125	2.500	2.5000-16 UN	2.145	0.467	2.511/2.456	2.724	.890/.870	2.875	3.281	3.366	0.970

PLUG SHELL SIZES 18-40



MS3456 (9446)



MS3459 (9816)

SHELL SIZE	MS3456, MS3459					MS3456			MS3459		
	B DIA. +/- .005	D MIN.	E DIA. MAX.	H THREAD CLASS 2A	J THREAD CLASS 2A	C MAX.		A DIA. MAX.	C MAX.		A DIA. MAX.
						SIZE 16&12 CONTACTS	SIZE 8,4,0 CONTACTS		SIZE 16&12 CONTACTS	SIZE 8,4,0 CONTACTS	
18	0.925	0.290	0.869	1.0625-18 UNEF	1.1250-18 UNEF	2.125	2.500	1.344	1.850	2.500	1.588
20	1.045	0.290	0.994	1.1875-18 UNEF	1.2500-18 UNEF	2.125	2.500	1.469	1.850	2.500	1.713
22	1.170	0.290	1.119	1.3125-18 UNEF	1.3750-18 UNEF	2.125	2.500	1.594	1.850	2.500	1.788
24	1.295	0.467	1.244	1.4375-18 UNEF	1.5000-18 UNEF	2.125	2.500	1.719	1.850	2.500	1.963
28	1.515	0.467	1.465	1.7500-18 UNS	1.7500-18 UNS	2.125	2.500	1.969	1.850	2.500	2.213
32	1.765	0.467	1.715	2.0000-18 UNS	2.0000-18 UNS	2.125	2.500	2.219	1.850	2.500	2.463
36	1.975	0.467	1.930	2.2500-16 UN	2.2500-16 UN	2.125	2.500	2.469	1.850	2.500	2.713
40	2.225	0.467	2.145	2.5000-16 UN	2.5000-16 UN	2.125	2.500	2.719	1.850	2.500	2.963

All dimensions in inches (millimeters in parenthesis)