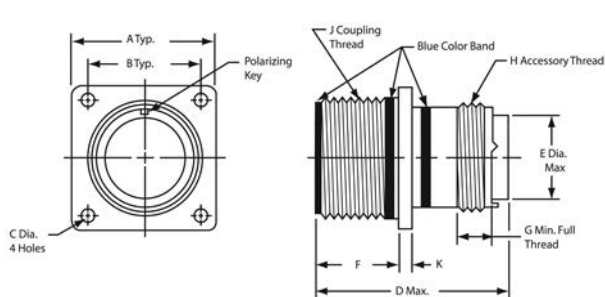
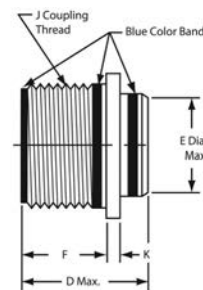


DIMENSIONS

RECEPTACLES



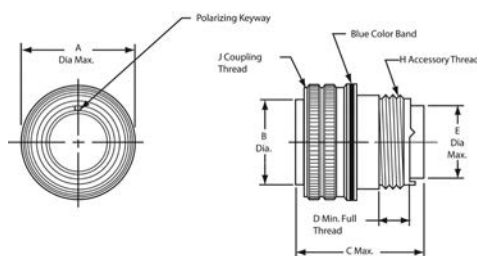
MS3450 (9440)



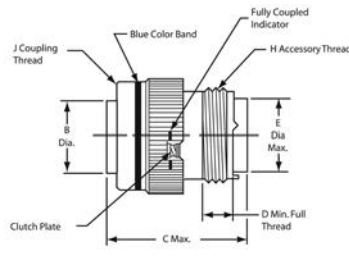
MS3452 (9442)

SHELL SIZE	MS3450, MS3451, MS3452, MS3454	MS3450	MS3450, MS3452				MS3452				MS3450, MS3451, MS3452
	J THREAD CLASS 2A	F MAX./MIN.	A +/- .031	B	C +.010 / -.005		F MAX./MIN.	D MAX.		E DIA. +/- .016	K
					CLASSES A, F, L, W	CLASSES KT, KS		SIZE 16&12 CONTACTS	SIZE 8,4,0 CONTACTS		
8S	.5000-28 UNEF	.593/.562	0.875	0.594	0.120 (3.0)	0.150 (3.8)	.578/.562	1.662	-	0.500	0.083
10S	.6250-24 UNEF	.593/.562	1.000	0.719	0.120 (3.0)	0.150 (3.8)	.578/.562	1.662	-	0.625	0.083
10SL	.6250-24 UNEF	.593/.562	1.000	0.719	0.120 (3.0)	0.150 (3.8)	.578/.562	1.662	-	0.625	0.083
12	.7500-20 UNEF	.781/.750	1.094	0.812	0.120 (3.0)	0.150 (3.8)	.765/.750	1.662	-	0.750	0.083
12S	.7500-20 UNEF	.593/.562	1.094	0.812	0.120 (3.0)	0.150 (3.8)	.578/.562	1.662	-	0.750	0.083
14	.8750-20 UNEF	.781/.750	1.188	0.906	0.120 (3.0)	0.150 (3.8)	.765/.750	1.662	-	0.875	0.083
14S	.8750-20 UNEF	.593/.562	1.188	0.906	0.120 (3.0)	0.150 (3.8)	.578/.562	1.662	-	0.875	0.083
16	1.0000-20 UNEF	.781/.750	1.281	0.969	0.120 (3.0)	0.150 (3.8)	.765/.750	1.662	1.937	1.000	0.083
16S	1.0000-20 UNEF	.593/.562	1.281	0.969	0.120 (3.0)	0.150 (3.8)	.578/.562	1.662	-	1.000	0.083
18	1.1250-18 UNEF	.781/.750	1.375	1.062	0.120 (3.0)	0.177 (4.5)	.765/.750	1.662	1.937	1.062	0.125
20	1.2500-18 UNEF	.781/.750	1.500	1.156	0.120 (3.0)	0.177 (4.5)	.765/.750	1.662	1.937	1.187	0.125
22	1.3750-18 UNEF	.781/.750	1.625	1.250	0.120 (3.0)	0.177 (4.5)	.765/.750	1.662	1.937	1.312	0.125
24	1.5000-18 UNEF	.843/.812	1.750	1.375	0.147 (3.7)	0.177 (4.5)	.827/.812	1.662	1.937	1.437	0.125
28	1.7500-18 UNS	.843/.812	2.000	1.562	0.147 (3.7)	0.177 (4.5)	.827/.812	1.662	1.937	1.750	0.125
32	2.0000-18 UNS	.906/.875	2.250	1.750	0.173 (4.4)	0.209 (5.3)	.988/.875	1.662	1.937	2.000	0.125
36	2.2500-16 UN	.906/.875	2.500	1.938	0.173 (4.4)	0.209 (5.3)	.988/.875	1.662	1.937	2.250	0.125
40	2.5000-16 UN	.906/.875	2.750	2.188	0.173 (4.4)	0.209 (5.3)	.988/.875	1.662	1.937	2.500	0.125

PLUG SHELL SIZES 8S-16S



MS3456 (9446)

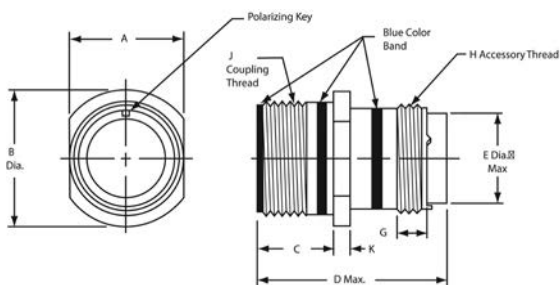


MS3459 (9816)

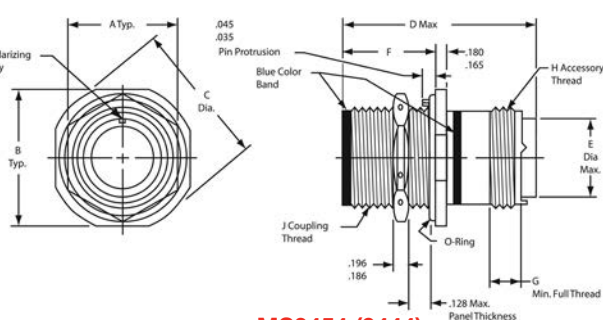
SHELL SIZE	MS3456, MS3459					MS3456			MS3459		
	B DIA. +/- .005	D MIN.	E DIA. MAX.	H THREAD CLASS 2A	J THREAD CLASS 2A	C MAX.		A DIA. MAX.	C MAX.		A DIA. MAX.
						SIZE 16&12 CONTACTS	SIZE 8,4,0 CONTACTS		SIZE 16&12 CONTACTS	SIZE 8,4,0 CONTACTS	
8S	0.360	0.290	0.305	.5000-20 UNEF	.5000-20 UNEF	2.031	-	0.844	1.510	-	0.963
10S	0.435	0.290	0.405	.6250-24 UNEF	.6250-24 UNEF	2.031	-	0.969	1.510	-	1.088
10SL	0.441**	0.290	0.405	.6250-24 UNEF	.6250-24 UNEF	2.031	-	0.969	1.510	-	1.088
12	0.550	0.290	0.549	.7500-20 UNEF	.7500-20 UNEF	2.125	-	1.062	1.780	-	1.213
12S	0.550	0.290	0.549	.7500-20 UNEF	.7500-20 UNEF	2.031	-	1.062	1.510	-	1.213
14	0.670	0.290	0.665	.8750-20 UNEF	.8750-20 UNEF	2.125	-	1.156	1.780	-	1.358
14S	0.670	0.290	0.665	.8750-20 UNEF	.8750-20 UNEF	2.031	-	1.156	1.510	-	1.358
16	0.800	0.290	0.790	1.0000-20 UNEF	1.0000-20 UNEF	2.125	2.500	1.250	1.780	2.500	1.463
16S	0.800	0.290	0.790	1.0000-20 UNEF	1.0000-20 UNEF	2.031	-	1.250	1.510	-	1.463

All dimensions in inches ** Tolerance on this dimension is +.000/-.006

RECEPTACLES



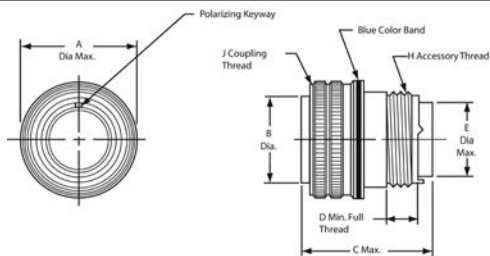
MS3451 (9441)



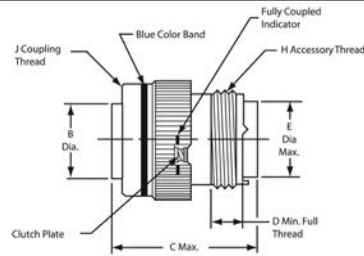
MS3454 (9444)

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)