

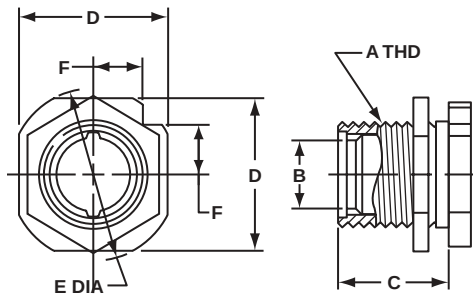
MS/Standard Accessories

thru-bulkhead shells

10-113276-XXX*

For Open Wire Waterproofing

Similar to the 10-37090 shell in construction, but substitutes jam nut mounting. The 10-74900 grommet seats against the undercut for moisture-proofing between the clamp assembly and the shell.

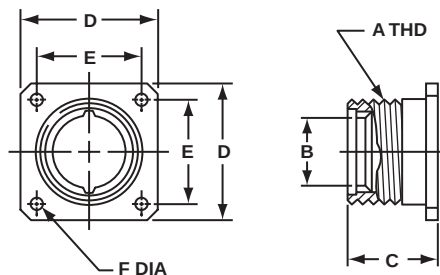


Shell Size	Order Number	A Thread	B +.010 -.000	C ±.005	D ±.010	E ±.010	F ±.010
10	10-113276-10X	.5000-28UNEF-2A	.203	1.000	.875	1.031	.309
12	10-113276-12X	.6250-24NEF-2A	.328	1.000	1.000	1.156	.354
14	10-113276-14X	.7500-20UNEF-2A	.453	1.000	1.125	1.312	.397
16	10-113276-16X	.8750-20UNEF-2A	.578	1.062	1.250	1.438	.442
18	10-113276-18X	1.0000-20UNEF-2A	.676	1.062	1.375	1.562	.486
20	10-113276-20X	1.1875-18NEF-2A	.801	1.062	1.688	1.875	.596
22	10-113276-22X	1.1875-18NEF-2A	.906	1.062	1.688	1.875	.596
24	10-113276-24X	1.4375-18NEF-2A	1.016	1.062	1.938	2.188	.685
28	10-113276-28X	1.4375-18NEF-2A	1.130	1.062	1.938	2.188	.685
32	10-113276-32X	1.7500-18NS-2A	1.438	1.062	2.250	2.625	.795
36	10-113276-36X	2.0000-18NS-2A	1.678	1.281	2.500	2.875	.884
40	10-113276-40X	2.2500-16UN-2A	1.914	1.344	2.750	3.125	.972

10-37090-XXX*

For Open Wire Waterproofing

A feed-thru shell with an undercut for retention of the grommet in the 10-74900 series clamp. The undercut is notched to prevent grommet slippage. Mounts to panel with four mounting bolts.



Shell Size	Order Number	A Thread	B +.010 -.000	C ±.010	D ±.010	E ±.005	F +.004 -.002
10	10-37090-10X	.5000-28UNEF-2A	.203	.820	.875	.594	.120
12	10-37090-12X	.6250-24NEF-2A	.328	.820	1.000	.719	.120
14	10-37090-14X	.7500-20UNEF-2A	.453	.820	1.094	.812	.120
16	10-37090-16X	.8750-20UNEF-2A	.578	.820	1.188	.906	.120
18	10-37090-18X	1.0000-20UNEF-2A	.676	.820	1.281	.969	.120
20	10-37090-20X	1.1875-18NEF-2A	.801	.850	1.438	1.125	.120
22	10-37090-22X	1.1875-18NEF-2A	.906	.850	1.438	1.125	.120
24	10-37090-24X	1.4375-18NEF-2A	1.016	.875	1.688	1.312	.147
28	10-37090-28X	1.4375-18NEF-2A	1.130	.875	1.688	1.312	.147
32	10-37090-32X	1.7500-18NS-2A	1.438	.875	2.000	1.562	.147
36	10-37090-36X	2.0000-18NS-2A	1.678	1.133	2.250	1.750	.173
40	10-37090-40X	2.2500-16UN-2A	1.914	1.133	2.500	1.938	.173

* To complete order number add shell size and suffix number from finish chart below. For example, shell size 12 with an olive drab chromate finish would be 10-113276-123 or 10-37090-123.

Finish	10-No. Suffix
Chromate treat	-XX1
Olive drab chromate	-XX3

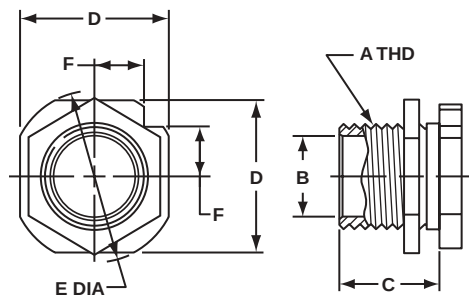
MS/Standard Accessories

thru-bulkhead shells

10-113275-XXX*

For Multi-Conductor Cable

One panel hole will provide mounting surface for this shell. Tightening the mounting nut locks the assembly in place and allows room for attachment of the 10-305200 clamp.

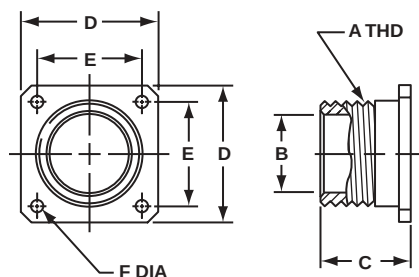


Shell Size	Order Number	A Thread	B ±.010	C ±.005	D ±.010	E ±.010	F ±.010
10	10-113275-10X	.5000-28UNEF-2A	.276	.891	.875	1.031	.309
12	10-113275-12X	.6250-24NEF-2A	.396	.891	1.000	1.156	.354
14	10-113275-14X	.7500-20UNEF-2A	.512	.891	1.125	1.312	.397
16	10-113275-16X	.8750-20UNEF-2A	.636	.959	1.250	1.438	.442
18	10-113275-18X	1.0000-20UNEF-2A	.762	.969	1.375	1.562	.486
20-22	10-113275-20X	1.1875-18NEF-2A	.918	.969	1.688	1.875	.596
24-28	10-113275-24X	1.4375-18NEF-2A	1.167	.969	1.938	2.188	.685
32	10-113275-32X	1.7500-18NS-2A	1.480	1.016	2.250	2.625	.795
36	10-113275-36X	2.0000-18NS-2A	1.730	1.078	2.500	2.875	.884
40	10-113275-40X	2.2500-16UN-2A	1.972	1.141	2.750	3.125	.972

10-37093-XXX*

For Multi-Conductor Cable

Designed to accommodate cable entrance through panel wall or bulkhead and provide attachment for 10-305200 cable clamp. Mounts to panel or wall with four mounting bolts.



Shell Size	Order Number	A Thread	B ±.010	C ±.010	D ±.010	E ±.005	F +.004 -.002
10	10-37093-10X	.5000-28UNEF-2A	.276	.710	.875	.594	.120
12	10-37093-12X	.6250-24NEF-2A	.396	.710	1.000	.719	.120
14	10-37093-14X	.7500-20UNEF-2A	.512	.710	1.094	.812	.120
16	10-37093-16X	.8750-20UNEF-2A	.636	.710	1.188	.906	.120
18	10-37093-18X	1.0000-20UNEF-2A	.762	.710	1.281	.969	.120
20-22	10-37093-20X	1.1875-18NEF-2A	.918	.741	1.438	1.125	.120
24-28	10-37093-24X	1.4375-18NEF-2A	1.167	.766	1.688	1.312	.147
32	10-37093-32X	1.7500-18NS-2A	1.480	.856	2.000	1.562	.147
36	10-37093-36X	2.0000-18NS-2A	1.730	.931	2.250	1.750	.173
40	10-37093-40X	2.2500-16UN-2A	1.972	.931	2.500	1.938	.173

* To complete order number add shell size and suffix number from finish chart below. For example, shell size 12 with an olive drab chromate finish would be 10-113275-123 or 10-37093-123.

Finish	10-No. Suffix
Chromate treat	-XX1
Olive drab chromate	-XX3

Mouser Electronics

Authorized Distributor

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[10-037090-321](#) [10-113275-141](#) [10-113275-201](#) [10-113275-321](#) [10-113276-161](#)