QWL – accessories cabling information

The Amphenol® QWL series of electrical connectors has been designed with the problems of multi-conductor cable users in mind. Two of these problems, namely water proofing and strain relief, are solved by the radial inward compression of an internal neoprene gland in the various cable accessories shown on the following pages. For additional strain relief beyond that provided by the gland, both cable grips and bar clamps are available. Since the glands close down from .094" to .145" (depending on shell size), the optimum condition for cable users is to select a gland with an I.D. only slightly larger than the maximum O.D. of the cable. The inside diameter of the accessory housing determines the maximum diameter of the cable as shown in the tabulation below. Smaller sizes than those shown in each shell size can be accommodated by smaller compression glands.

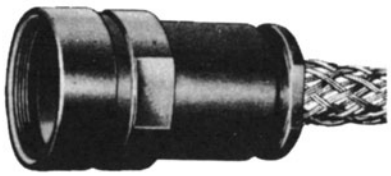
Different cable manufacturers use different constructions and cable lays in manufacturing multi-conductor cable. The specific cabling manufacturing specification should be known by the customer in detail in order to properly figure each QWL application. This knowledge can save many individual wire crossovers in any given run of cable. Crossovers add materially to the cable diameter without a cable accessory. In those cases where diameter buildup is impossible to avoid, special cable accessories with longer barrels are available.

How to order information is covered in detail on pages 4 and 5. In selecting the base number below, care should be used, as some of the cable accessories are provided with protection cap attachment rings, while others are provided with the Kellems strain relief grip as shown. If a type or cable accommodation size is not found herein that fulfills your application, please contact Amphenol, Sidney, NY.

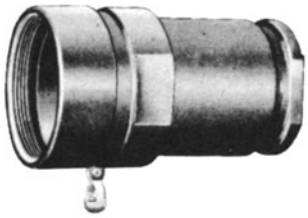
All dimensions for reference only.

Shell Size	QWL Connector Accessory Thd.	Approx. Work Length (Internal)		Minimum Housing Inner Diameter	Maximum Cable Outer Diameter
		Short	Long		
10	.500-28	.250		.359	.359
12	.625-24	.375		.484	.484
14	.750-20	.401		.609	.609
16	.875-20	.500		.734	.734
18	1.000-20	1.120		.859	.859
20	1.125-18	1.370		.984	.984
22	1.250-18	1.370		1.109	1.109
24	1.375-18	1.370		1.234	1.234
28	1.625-18	1.370	5.000	1.427	1.427
32	1.875-16	1.370	6.000	1.708	1.708
36	2.062-16	1.370	5.000	1.895	1.895
40	2.312-16	1.370	6.000	2.130	2.130
44	2.625-16			2.375	2.375
48	2.875-16	2.218	6.000	2.630	2.630

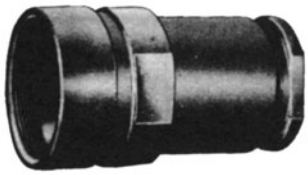
QWL – cable accessories



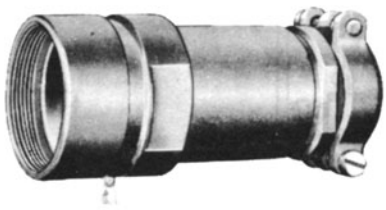
10-101332
Short barrel with grip



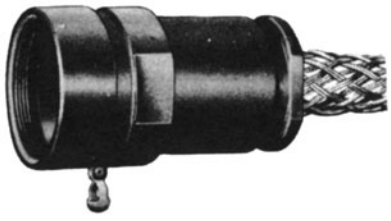
10-101335
Short barrel with attachment ring



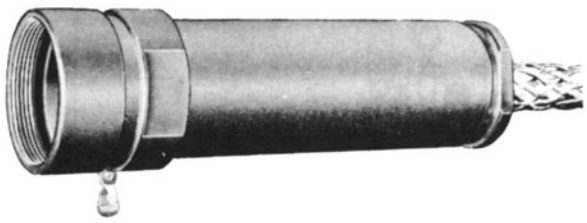
10-101333
Short barrel without grip



10-130380
Short barrel length with attachment ring & strain relief bars

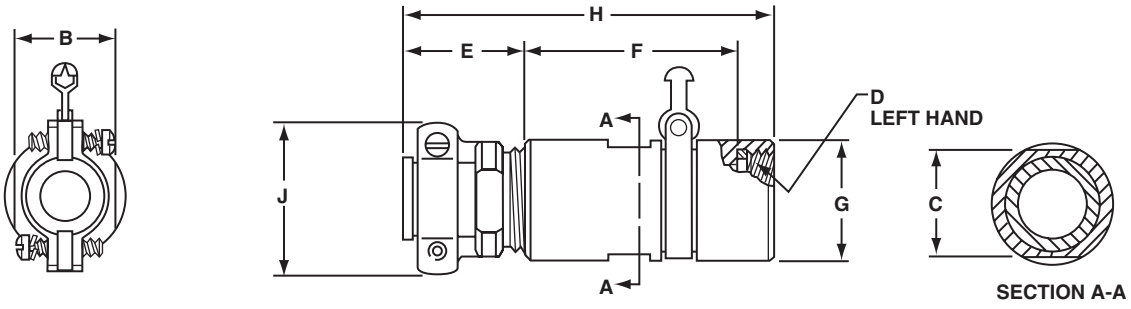


10-101334
Short barrel with grip & attachment ring

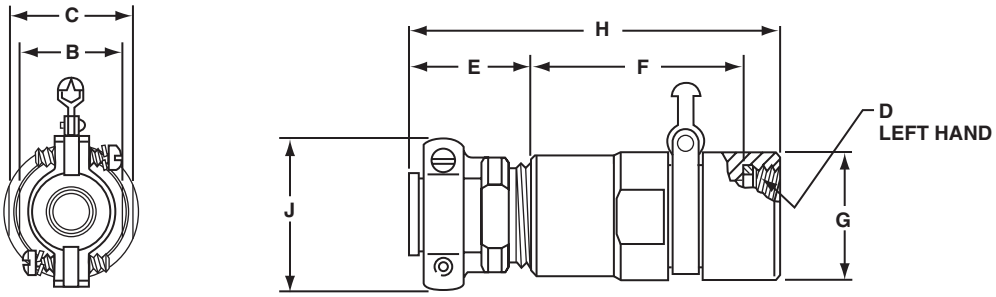


10-113637
Long barrel with attachment ring and grip

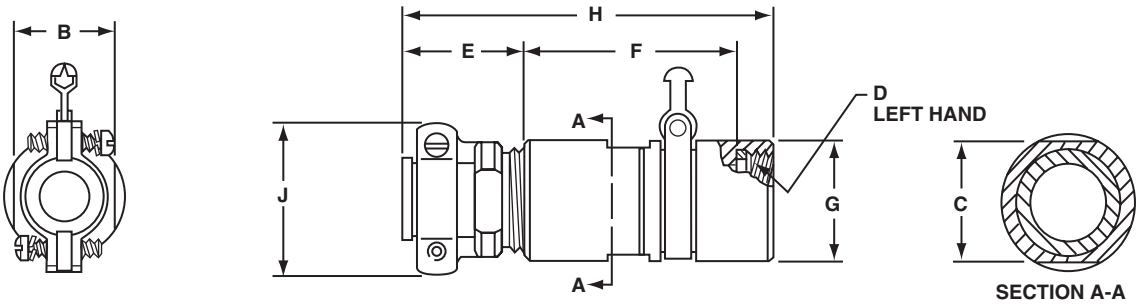
QWL – accessories
10-130380
cable sealing adapter (with clamp bars)



Type I Straight



Type II Step Down



Type III Step Up

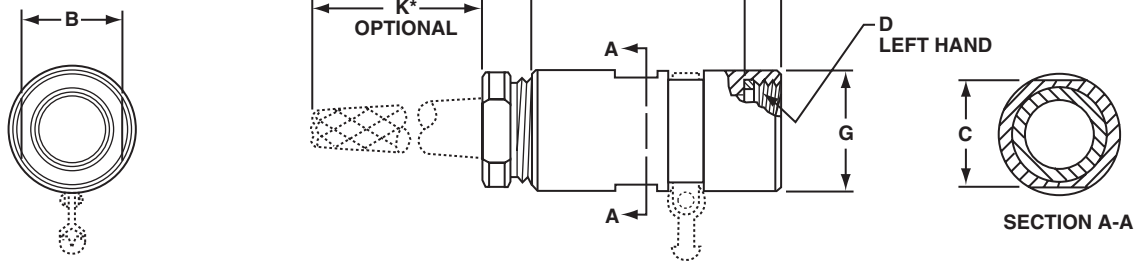
QWL – accessories
10-130380
cable sealing adapter (with clamp bars)

All dimensions are for reference only.

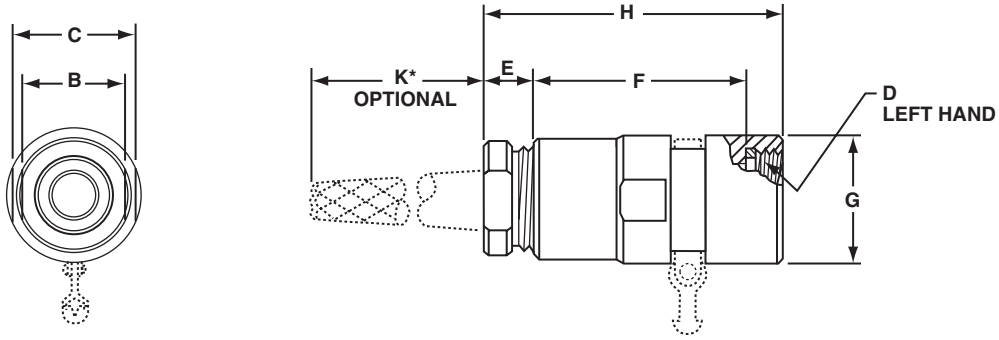
Part Number*	Used With Shell Size	Cable Range		B +.000 –.010	C +.010 –.000	D Thread Class 2B-LH	E Free Max	F +.010 –.020	G Dia. +.010 –.020	H Max.	J Max.	Type
		Max. Dia.	Min. Dia.									
10-130380-141	14S	.460	.366	.750	.812	.750-20UNEF	1.125	1.782	.938	3.229	1.062	I
10-130380-142	14S	.438	.344	.875	.938	.750-20UNEF	1.125	2.126	.938	3.573	1.125	III
10-130380-143	14S	.375	.306	.875	.938	.750-20UNEF	1.125	2.126	.938	3.573	1.125	III
10-130380-161	16S	.530	.436	1.000	1.062	.875-20UNEF	1.250	2.282	1.062	3.854	1.375	III
10-130380-162	16S	.605	.511	1.000	1.062	.875-20UNEF	1.250	2.282	1.062	3.854	1.375	III
10-130380-171	16	.500	.406	.875	.938	.875-20UNEF	1.125	2.215	1.062	3.834	1.125	I
10-130380-181	18	.828	.715	1.188	1.250	1.000-20UNEF	1.250	3.032	1.188	4.776	1.688	III
10-130380-182	18	.699	.605	1.062	1.125	1.000-20UNEF	1.250	2.933	1.188	4.677	1.562	III
10-130380-183	18	.500	.406	.875	1.094	1.000-20UNEF	1.125	2.485	1.188	4.104	1.125	II
10-130380-184	18	.562	.449	1.188	1.250	1.000-20UNEF	1.250	3.032	1.188	4.776	1.688	III
10-130380-185	18	.750	.637	1.312	1.000	1.000-20UNEF	1.250	3.063	1.188	4.607	1.812	III
10-130380-186	18	.530	.436	1.000	1.062	1.000-20UNEF	1.250	2.621	1.188	4.365	1.375	I
10-130380-201	20	.625	.531	1.062	1.125	1.125-18UNEF	1.250	2.933	1.312	4.677	1.562	I
10-130380-202	20	.605	.511	1.000	1.125	1.125-18UNEF	1.250	2.631	1.312	4.365	1.375	II
10-130380-203	20	.628	.715	1.188	1.125	1.125-18UNEF	1.250	2.996	1.312	4.740	1.688	III
10-130380-204	20	.720	.626	1.062	1.125	1.125-18UNEF	1.250	2.933	1.312	4.677	1.562	I
10-130380-205	20	.900	.787	1.312	1.250	1.125-18UNEF	1.250	3.062	1.312	4.807	1.812	III
10-130380-206	20	.625	.531	1.062	1.125	1.125-18UNEF	1.250	2.933	1.312	4.677	1.562	I
10-130380-207	20	.750	.637	1.312	1.250	1.125-18UNEF	1.250	3.063	1.312	4.807	1.812	III
10-130380-221	22	.790	.696	1.062	1.250	1.250-18UNEF	1.250	2.933	1.438	4.677	1.562	II
10-130380-222	22	.720	.626	1.062	1.250	1.250-18UNEF	1.250	2.933	1.438	4.677	1.562	II
10-130380-223	22	1.130	1.005	1.780	1.375	1.250-18UNEF	1.500	3.266	1.438	5.250	2.469	III
10-130380-224	22	.680	.567	1.312	1.375	1.250-18UNEF	1.250	3.059	1.438	4.803	1.812	III
10-130380-242	24	.900	.787	1.312	1.375	1.375-18UNEF	1.250	3.059	1.562	4.803	1.812	I
10-130380-243	24	1.180	1.055	1.780	1.812	1.375-18UNEF	1.500	3.204	1.562	5.198	2.469	III
10-130380-244	24	.680	.567	1.312	1.375	1.375-18UNEF	1.250	3.059	1.562	4.803	1.812	I
10-130380-245	24	.630	.517	1.312	1.375	1.375-18UNEF	1.250	3.059	1.562	4.803	1.812	I
10-130380-246	24	1.000	.875	1.546	1.625	1.375-18UNEF	1.500	3.121	1.562	5.115	2.125	III
10-130380-247	24	.805	.692	1.312	1.375	1.375-18UNEF	1.250	3.059	1.562	4.803	1.812	I
10-130380-281	28	1.310	1.185	1.780	1.875	1.625-18UNEF	1.500	3.184	1.812	5.178	2.469	III
10-130380-282	28	.970	.857	1.312	1.625	1.625-18UNEF	1.250	3.059	1.812	4.803	1.812	II
10-130380-283	28	.880	.755	1.546	1.625	1.625-18UNEF	1.500	3.121	1.812	5.115	2.125	I
10-130380-284	28	1.427	1.320	2.000	1.875	1.625-18UNEF	1.500	3.184	1.812	5.178	2.625	III
10-130380-321	32	.970	.875	1.312	1.875	1.875-16UN	1.250	3.059	2.062	4.803	1.812	II
10-130380-322	32	1.230	1.105	1.780	1.875	1.875-16UN	1.500	3.184	2.062	5.178	2.469	I
10-130380-323	32	1.328	1.240	1.780	1.875	1.875-16UN	1.500	3.184	2.062	5.178	2.469	I
10-130380-324	32	.750	.637	1.312	1.875	1.875-16UN	1.250	3.059	2.062	4.803	1.812	II
10-130380-325	32	1.055	.958	1.546	1.875	1.875-16UN	1.500	3.121	2.062	5.115	2.125	II
10-130380-326	32	1.375	1.250	2.000	2.062	1.875-16UN	1.500	3.246	2.062	5.240	2.625	III
10-130380-361	36	1.310	1.185	1.780	2.062	2.0625-16UN	1.500	3.184	2.312	5.178	2.469	II
10-130380-362	36	1.900	1.775	2.438	2.312	2.0625-16UN	1.625	3.500	2.312	5.619	3.171	III
10-130380-363	36	1.530	1.406	2.000	2.062	2.0625-16UN	1.500	3.246	2.312	5.240	2.625	I
10-130380-364	36	1.445	1.320	2.000	2.062	2.0625-16UN	1.500	3.246	2.312	5.240	2.625	I
10-130380-365	36	.805	.692	1.312	2.062	2.0625-16UN	1.250	3.059	2.312	4.803	1.812	II
10-130380-366	36	.603	.511	1.000	2.000	2.0625-16UN	1.250	2.875	2.312	4.619	1.375	II
10-130380-367	36	1.000	.875	1.546	2.062	2.0625-16UN	1.500	3.121	2.312	5.115	2.125	II
10-130380-401	40	1.730	1.605	2.438	2.500	2.3125-16UN	1.625	3.469	2.562	5.588	3.171	III
10-130380-402	40	1.310	1.185	1.780	2.312	2.3125-16UN	1.500	3.184	2.562	5.178	2.469	II
10-130380-403	40	1.180	1.055	1.780	2.312	2.3125-16UN	1.500	3.184	2.562	5.178	2.469	II
10-130380-404	40	1.109	.984	1.546	2.312	2.3125-16UN	1.500	3.121	2.562	5.115	2.125	II
10-130380-441	44	1.900	1.775	2.438	2.750	2.625-16UN	1.625	4.281	2.875	6.588	3.171	II

*For complete order number see pages 4 and 5.

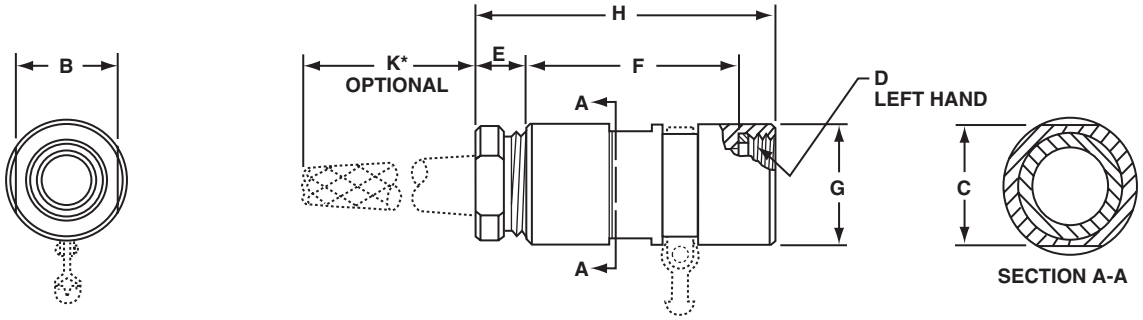
QWL – accessories
10-10133X
cable sealing adapter



Type I Straight



Type II Step Down



Type III Step Up

*Wire grip dimensions (K) apply to 10-101332 and 10-101334 assemblies only.

QWL – accessories
10-10133X
cable sealing adapter

All dimensions are for reference only.

Part Number*	Used With Shell Size	Cable Range		B +.000 –.010	C +.010 –.000	D Thread Class 2B-LH	E Free Max.	F +.010 –.020	G Dia. +.010 –.020	H ±.045	K Free Approx.	Type
		Max. Dia.	Min. Dia.									
10-10133X-121	12S	.281	.219	.750	.812	.6250-24NEF	.500	1.938	.812	2.750	2.844	III
10-10133X-122	12S	.500	.406	1.062	1.000	.6250-24NEF	.562	2.875	.812	3.750	4.688	III
10-10133X-123	12S	.405	.316	1.000	.812	.6250-24NEF	.562	2.548	.812	3.422	3.688	III
10-10133X-141	14S	.337	.281	.750	.812	.7500-20UNEF	.500	1.782	.938	2.594	3.344	I
10-10133X-142	14S	.222	.160	.625	.812	.7500-20UNEF	.562	1.782	.938	2.532	2.406	II
10-10133X-143	14S	.281	.219	.750	.812	.7500-20UNEF	.500	1.782	.938	2.594	2.844	I
10-10133X-144	14S	.530	.441	1.000	.812	.7500-20UNEF	.562	2.719	.938	3.594	4.688	III
10-10133X-145	14S	.463	.406	.875	.938	.7500-20UNEF	.500	2.126	.938	2.938	4.344	III
10-10133X-146	14S	.405	.316	1.000	.812	.7500-20UNEF	.562	2.719	.938	3.594	3.688	III
10-10133X-151	14	.405	.316	1.000	.812	.7500-20UNEF	.562	2.719	.938	3.765	3.688	III
10-10133X-161	16S	.463	.406	.875	.938	.8750-20UNEF	.500	1.844	1.062	2.656	4.344	I
10-10133X-162	16S	.589	.511	1.000	1.062	.8750-20UNEF	.562	2.282	1.062	3.156	5.188	III
10-10133X-163	16S	.625	.580	1.062	1.125	.8750-20UNEF	.562	2.933	1.062	3.807	6.188	III
10-10133X-164	16S	.405	.316	1.000	1.062	.8750-20UNEF	.562	2.282	1.062	3.156	3.688	III
10-10133X-165	16S	.530	.441	1.000	1.062	.8750-20UNEF	.562	2.282	1.062	3.156	4.688	III
10-10133X-166	16S	.699	.605	1.062	1.125	.8750-20UNEF	.562	2.933	1.062	3.807	6.188	III
10-10133X-167	16S	.281	.219	.750	.938	.8750-20UNEF	.500	1.844	1.062	2.656	2.844	II
10-10133X-171	16	.589	.511	1.000	1.062	.8750-20UNEF	.562	2.621	1.062	3.667	5.188	III
10-10133X-172	16	.438	.400	.875	.938	.8750-20UNEF	.500	2.215	1.062	3.199	4.344	I
10-10133X-173	16	.625	.580	1.062	1.125	.8750-20UNEF	.562	2.933	1.062	3.979	6.188	III
10-10133X-174	16	.530	.441	1.000	1.062	.8750-20UNEF	.562	2.621	1.062	3.667	4.688	III
10-10133X-175	16	.405	.316	1.000	1.062	.8750-20UNEF	.562	2.621	1.062	3.667	3.688	III
10-10133X-181	18	.589	.511	1.000	1.062	1.0000-20UNEF	.562	2.621	1.188	3.667	5.188	I
10-10133X-182	18	.625	.580	1.062	1.125	1.0000-20UNEF	.562	2.933	1.188	3.979	6.188	III
10-10133X-183	18	.530	.441	1.000	1.062	1.0000-20UNEF	.562	2.621	1.188	3.667	4.688	I
10-10133X-184	18	.699	.605	1.062	1.125	1.0000-20UNEF	.562	2.933	1.188	3.979	6.188	III
10-10133X-185	18	.405	.316	1.000	1.062	1.0000-20UNEF	.562	2.621	1.188	3.667	3.688	I
10-10133X-186	18	.455	.361	1.062	1.125	1.0000-20UNEF	.562	2.933	1.188	3.979	4.188	III
10-10133X-187	18	.750	.637	1.250	1.000	1.0000-20UNEF	.562	3.063	1.188	4.109	6.688	III
10-10133X-188	18	.172	.078	.750	.938	1.0000-20UNEF	.500	2.407	1.188	3.391	2.844	II
10-10133X-190	18	.805	.692	1.250	1.000	1.0000-20UNEF	.562	3.063	1.188	4.109	6.688	III
10-10133X-201	20	.625	.580	1.062	1.125	1.1250-18NEF	.562	2.933	1.312	3.979	6.188	I
10-10133X-202	20	.699	.605	1.062	1.125	1.1250-18NEF	.562	2.933	1.312	3.979	6.188	I
10-10133X-203	20	.500	.406	1.062	1.125	1.1250-18NEF	.562	2.933	1.312	3.979	4.688	I
10-10133X-204	20	.337	.281	.750	1.125	1.1250-18NEF	.500	2.438	1.312	3.422	3.344	II
10-10133X-205	20	.828	.715	1.125	1.250	1.1250-18NEF	.547	2.996	1.312	4.042	6.688	III
10-10133X-206	20	.375	.312	.875	1.125	1.1250-18NEF	.500	2.469	1.312	3.453	3.844	II
10-10133X-207	20	.281	.219	.750	1.125	1.1250-18NEF	.500	2.438	1.312	3.422	2.844	II
10-10133X-208	20	.455	.361	1.062	1.125	1.1250-18NEF	.562	2.933	1.312	3.979	4.188	I
10-10133X-209	20	.589	.511	1.000	1.125	1.1250-18NEF	.562	2.621	1.312	3.667	5.188	II
10-10133X-210	20	.530	.441	1.000	1.125	1.1250-18NEF	.562	2.621	1.312	3.667	4.688	II
10-10133X-211	20	.900	.791	1.250	1.250	1.1250-18NEF	.562	3.063	1.312	4.109	7.188	III

*For complete order number see pages 4 and 5.

QWL – accessories
10-10133X
cable sealing adapter

All dimensions are for reference only.

Part Number*	Used With Shell Size	Cable Range		B +.000 –.010	C +.000 –.010	D Thread Class 2B-LH	E Free ±.010	F +.010 –.020	G Dia. +.010 –.020	H ±.045	K Free Approx.	Type
		Max. Dia.	Min. Dia.									
10-10133X-221	22	.699	.605	1.062	1.250	1.2500-18NEF	.562	2.933	1.438	3.979	6.188	II
10-10133X-222	22	.750	.637	1.250	1.375	1.2500-18NEF	.562	3.059	1.438	4.105	6.688	III
10-10133X-223	22	.445	.367	1.062	1.250	1.2500-18NEF	.562	2.933	1.438	3.979	4.188	II
10-10133X-224	22	1.000	.875	1.500	1.375	1.2500-18NEF	.562	3.121	1.438	4.167	7.188	III
10-10133X-225	22	.828	.715	1.125	1.250	1.2500-18NEF	.594	2.996	1.438	4.072	6.688	I
10-10133X-226	22	.900	.791	1.250	1.375	1.2500-18NEF	.562	3.059	1.438	4.105	7.188	III
10-10133X-227	22	.562	.453	1.125	1.250	1.2500-18NEF	.594	2.996	1.438	4.074	5.188	I
10-10133X-228	22	1.101	.984	1.500	1.375	1.2500-18NEF	.562	3.121	1.438	4.167	7.688	III
10-10133X-229	22	.589	.511	1.000	1.250	1.2500-18NEF	.562	2.750	1.438	3.796	5.188	II
10-10133X-231	22	1.055	.958	1.500	1.375	1.2500-18NEF	.562	3.121	1.438	4.167	7.688	III
10-10133X-241	24	1.000	.875	1.500	1.625	1.3750-18NEF	.562	3.121	1.562	4.167	7.188	III
10-10133X-242	24	.562	.453	1.125	1.406	1.3750-18NEF	.562	2.996	1.562	4.042	5.188	II
10-10133X-243	24	.750	.637	1.250	1.375	1.3750-18NEF	.562	3.059	1.562	4.105	6.688	I
10-10133X-244	24	.900	.791	1.250	1.375	1.3750-18NEF	.562	3.059	1.562	4.105	7.188	I
10-10133X-245	24	1.101	.984	1.500	1.625	1.3750-18NEF	.562	3.121	1.562	4.167	7.688	III
10-10133X-246	24	.405	.316	1.000	1.375	1.3750-18NEF	.562	2.750	1.562	3.796	3.688	II
10-10133X-247	24	.828	.715	1.125	1.406	1.3750-18NEF	.562	2.996	1.562	4.042	6.688	II
10-10133X-248	24	.805	.692	1.250	1.375	1.3750-18NEF	.562	3.059	1.562	4.105	6.688	I
10-10133X-249	24	1.130	1.005	1.750	1.812	1.3750-18NEF	.562	3.204	1.562	4.250	7.188	III
10-10133X-281	28	1.055	.958	1.500	1.625	1.6250-18NEF	.562	3.121	1.812	4.167	7.688	I
10-10133X-282	28	.900	.791	1.250	1.625	1.6250-18NEF	.562	3.059	1.812	4.105	7.188	II
10-10133X-283	28	1.000	.875	1.500	1.625	1.6250-18NEF	.562	3.121	1.812	4.167	7.188	I
10-10133X-284	28	.630	.535	1.250	1.625	1.6250-18NEF	.562	3.059	1.812	4.105	5.688	II
10-10133X-285	28	.750	.637	1.250	1.625	1.6250-18NEF	.562	3.059	1.812	4.105	6.688	II
10-10133X-286	28	1.180	1.099	1.750	1.875	1.6250-18NEF	.562	3.184	1.812	4.230	8.188	III
10-10133X-287	28	1.101	.984	1.500	1.625	1.6250-18NEF	.562	3.121	1.812	4.167	7.688	I
10-10133X-288	28	1.310	1.200	1.750	1.875	1.6250-18NEF	.562	3.184	1.812	4.230	8.688	III
10-10133X-289	28	1.230	1.105	1.750	1.875	1.6250-18NEF	.562	3.184	1.812	4.230	8.188	III
10-10133X-290	28	.880	.755	1.500	1.625	1.6250-18NEF	.562	3.121	1.812	4.167	6.688	I
10-10133X-291	28	.957	.857	1.250	1.625	1.6250-18NEF	.547	3.059	1.812	4.090	7.188	II
10-10133X-292	28	.828	.715	1.125	1.625	1.6250-18NEF	.562	2.954	1.812	4.000	6.688	II
10-10133X-293	28	1.375	1.250	2.000	1.875	1.6250-18NEF	.562	3.184	1.812	4.230	9.688	III
10-10133X-294	28	1.445	1.320	2.000	1.875	1.6250-18NEF	.562	3.184	1.812	4.230	9.688	III
10-10133X-295	28	.805	.692	1.250	1.625	1.6250-18NEF	.562	3.059	1.812	4.105	6.688	II
10-10133X-321	32	.880	.755	1.500	1.875	1.8750-16N	.562	3.121	2.062	4.167	6.688	II
10-10133X-322	32	1.101	.984	1.500	1.875	1.8750-16N	.562	3.121	2.062	4.167	7.688	II
10-10133X-323	32	.750	.637	1.250	1.875	1.8750-16N	.562	3.059	2.062	4.105	6.688	II
10-10133X-324	32	1.445	1.320	2.000	2.062	1.8750-16N	.672	3.246	2.062	4.292	9.688	III
10-10133X-325	32	1.180	1.099	1.750	1.875	1.8750-16N	.562	3.184	2.062	4.230	8.188	I
10-10133X-326	32	.375	.312	.875	1.875	1.8750-16N	.500	2.766	2.062	3.750	3.844	II
10-10133X-327	32	.957	.857	1.250	1.875	1.8750-16N	.562	3.059	2.062	4.105	7.188	II
10-10133X-328	32	1.230	1.105	1.750	1.875	1.8750-16N	.562	3.184	2.062	4.230	8.188	I
10-10133X-329	32	1.530	1.406	2.000	2.062	1.8750-16N	.562	3.246	2.062	4.292	10.688	III
10-10133X-330	32	1.000	.875	1.500	1.875	1.8750-16N	.562	3.121	2.062	4.167	7.188	II
10-10133X-331	32	1.375	1.250	2.000	2.062	1.8750-16N	.562	3.246	2.062	4.292	9.688	III
10-10133X-332	32	1.310	1.200	1.750	1.875	1.8750-16N	.562	3.184	2.062	4.230	8.688	I
10-10133X-333	32	.580 x .825	(Oval)	1.500	1.875	1.8750-16N	.562	3.121	2.062	4.167	6.688	II
10-10133X-334	32	.500 x .705	(Oval)	1.500	1.875	1.8750-16N	.562	3.121	2.062	4.167	6.688	II

*For complete order number see pages 4 and 5.

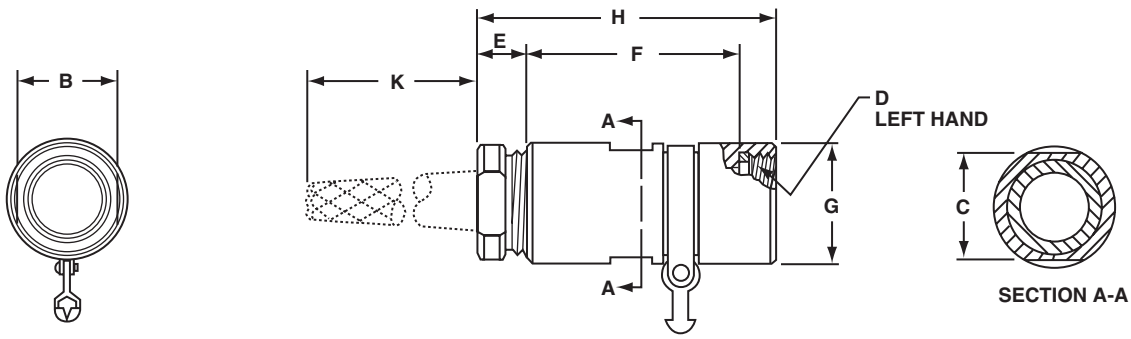
QWL – accessories
10-10133X
cable sealing adapter

All dimensions are for reference only.

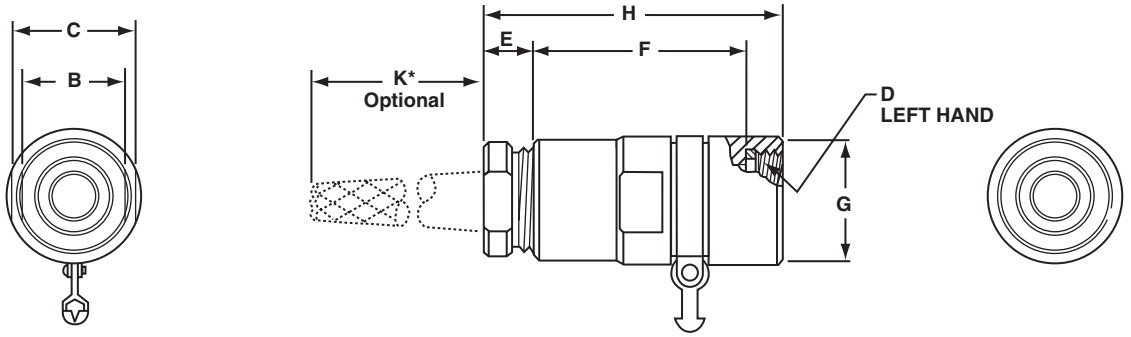
Part Number*	Used With Shell Size	Cable Range Max. Dia.	Cable Range Min. Dia.	B +.000 –.010	C +.000 –.010	D Thread Class 2B-LH	E Free ±.035	F +.010 –.020	G Dia. +.010 –.020	H ±.045	K Free Approx.	Type
10-10133X-335	32	.530	.441	1.000	1.625	1.8750-16N	.562	2.875	2.062	3.921	4.688	II
10-10133X-336	32	.680	.567	1.250	1.875	1.8750-16N	.562	3.059	2.062	4.105	6.688	II
10-10133X-337	32	.463	.406	.875	1.875	1.8750-16N	.500	2.766	2.062	3.750	4.344	II
10-10133X-361	36	1.055	.958	1.500	2.062	2.0625-16N	.562	3.121	2.312	4.167	7.688	II
10-10133X-362	36	1.445	1.320	2.000	2.062	2.0625-16N	.562	3.246	2.312	4.292	9.688	I
10-10133X-363	36	1.530	1.406	2.000	2.062	2.0625-16N	.562	3.246	2.312	4.292	10.688	I
10-10133X-364	36	1.230	1.105	1.750	2.062	2.0625-16N	.562	3.184	2.312	4.230	8.188	II
10-10133X-365	36	.750	.637	1.250	2.062	2.0625-16N	.562	3.059	2.312	4.105	6.688	II
10-10133X-366	36	.880	.755	1.500	2.062	2.0625-16N	.562	3.121	2.312	4.167	6.688	II
10-10133X-367	36	1.656	1.531	2.250	2.312	2.0625-16N	.562	3.308	2.312	4.354	12.688	III
10-10133X-368	36	1.101	.984	1.500	2.062	2.0625-16N	.562	3.121	2.312	4.167	7.688	II
10-10133X-369	36	.957	.857	1.250	2.062	2.0625-16N	.672	3.059	2.312	4.090	7.188	II
10-10133X-370	36	1.900	1.775	2.438	2.312	2.0625-16N	.500	3.500	2.312	4.656	13.688	III
10-10133X-371	36	.375	.312	.875	2.062	2.0625-16N	.500	2.813	2.312	3.797	3.844	II
10-10133X-372	36	1.825	1.700	2.438	2.312	2.0625-16N	.672	3.500	2.312	4.656	13.688	III
10-10133X-373	36	1.375	1.250	2.000	2.062	2.0625-16N	.562	3.246	2.312	4.292	9.688	I
10-10133X-374	36	1.562	1.437	2.250	2.312	2.0625-16N	.562	3.308	2.312	4.354	11.188	III
10-10133X-375	36	1.730	1.605	2.438	2.312	2.0625-16N	.672	3.500	2.312	4.656	13.688	III
10-10133X-376	36	.530	.441	1.000	1.875	2.0625-16N	.562	2.875	2.312	3.921	4.688	II
10-10133X-377	36	1.130	1.005	1.750	2.062	2.0625-16N	.562	3.184	2.312	4.230	7.188	II
10-10133X-378	36	1.180	1.055	1.750	2.062	2.0625-16N	.562	3.184	2.312	4.230	8.188	II
10-10133X-379	36	1.595	1.470	2.250	2.312	2.0625-16N	.562	3.308	2.312	4.354	11.688	III
10-10133X-401	40	1.310	1.200	1.750	2.312	2.3125-16N	.562	3.184	2.562	4.230	8.688	II
10-10133X-402	40	1.656	1.531	2.250	2.312	2.3125-16N	.562	3.308	2.562	4.354	12.688	I
10-10133X-403	40	1.101	.984	1.500	2.312	2.3125-16N	.438	3.121	2.562	4.167	7.688	II
10-10133X-404	40	1.562	1.437	2.250	2.312	2.3125-16N	.562	3.308	2.562	4.354	11.188	I
10-10133X-405	40	1.375	1.250	2.000	2.312	2.3125-16N	.562	3.246	2.562	4.292	9.688	II
10-10133X-406	40	1.180	1.099	1.750	2.312	2.3125-16N	.562	3.184	2.562	4.230	8.188	II
10-10133X-407	40	1.900	1.775	2.438	2.500	2.3125-16N	.672	3.469	2.562	4.625	13.688	III
10-10133X-408	40	1.730	1.605	2.438	2.500	2.3125-16N	.672	3.469	2.562	4.625	13.688	III
10-10133X-409	40	1.825	1.700	2.438	2.500	2.3125-16N	.672	3.469	2.562	4.625	13.688	III
10-10133X-410	40	1.984	1.859	2.438	2.500	2.3125-16N	.672	3.469	2.562	4.625	13.688	III
10-10133X-411	40	1.445	1.320	2.000	2.312	2.3125-16N	.562	3.246	2.562	4.292	9.688	II
10-10133X-412	40	2.062	1.937	2.750	2.500	2.3125-16N	.672	3.500	2.562	4.656	14.188	III
10-10133X-413	40	2.100	1.955	2.750	2.500	2.3125-16N	.672	3.500	2.562	4.656	14.188	III
10-10133X-414	40	2.145	2.000	2.750	2.500	2.3125-16N	.672	3.500	2.562	4.656	14.188	III
10-10133X-415	40	.957	.857	1.250	2.125	2.3125-16N	.562	3.063	2.562	4.109	7.188	II
10-10133X-416	40	1.230	1.103	1.750	2.312	2.3125-16N	.562	3.184	2.562	4.230	8.188	II
10-10133X-417	40	1.055	.958	1.500	2.312	2.3125-16N	.562	3.121	2.562	4.167	7.688	II
10-10133X-418	40	.630	.567	1.250	2.250	2.3125-16UN	.562	3.063	2.562	4.109	6.688	II
10-10133X-441	44	2.170	2.025	2.750	2.625	2.6250-16UN	.672	3.609	2.875	4.953	17.188	III
10-10133X-442	44	2.145	2.000	2.750	2.625	2.6250-16UN	.672	3.547	2.875	4.891	14.188	III
10-10133X-443	44	2.250	2.105	2.750	2.625	2.6250-16UN	.672	3.609	2.875	4.953	17.188	III
10-10133X-445	44	1.130	1.005	1.750	2.625	2.6250-16UN	.562	3.969	2.875	5.203	7.188	II
10-10133X-446	44	1.109	.984	1.500	2.500	2.6250-16UN	.562	3.905	2.875	5.140	7.688	II
10-10133X-449	44	1.445	1.320	2.000	2.562	2.6250-16UN	.562	4.031	2.875	5.265	9.688	II
10-10133X-481	48	1.900	1.775	2.438	2.812	2.8750-16N	.562	3.203	3.125	4.547	13.688	II
10-10133X-482	48	2.000	1.867	2.750	2.969	2.8750-16N	.672	4.281	3.125	5.625	14.188	II
10-10133X-483	48	2.250	2.105	2.750	2.750	2.8750-16N	.672	4.406	3.125	5.750	17.188	I
10-10133X-484	48	2.170	2.025	2.750	2.750	2.8750-16N	.672	4.406	3.125	5.750	17.188	I

*For complete order number see pages 4 and 5.

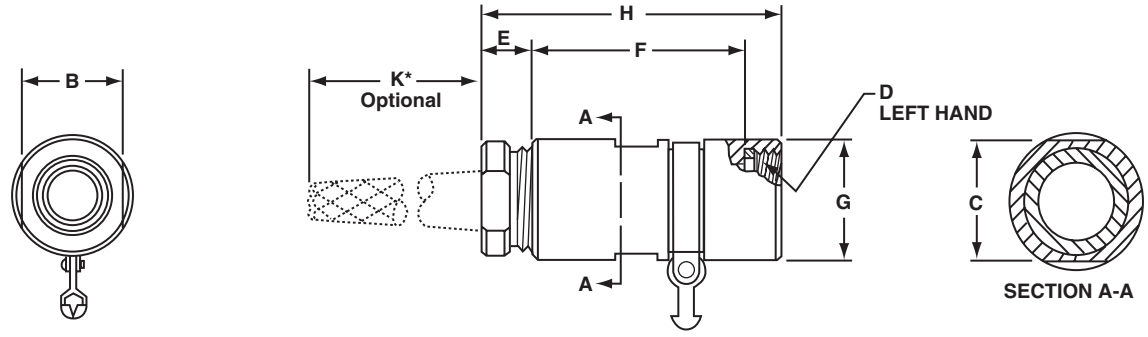
QWL – accessories
10-113637
cable sealing adapter (with woven strain relief)



Type I Straight



Type II Step Down



Type III Step Up

QWL – accessories
10-113637
cable sealing adapter (with woven strain relief)

All dimensions are for reference only.

Part Number*	Used With Shell Size	Cable Range		B +.000 –.010	C +.010 –.000	D Thread Class 2B-LH	E Free ±.035	F +.010 –.020	G Dia. +.010 –.020	H ±.045	K Free Approx.	Type
		Max. Dia.	Min. Dia.									
10-113637-141	14S	.337	.281	.750	.750	.7500-20UNEF	.500	5.282	.938	6.094	3.344	I
10-113637-142	14S	.405	.316	1.000	1.000	.7500-20UNEF	.562	5.500	.938	6.374	3.688	III
10-113637-143	14S	.530	.441	1.000	1.000	.7500-20UNEF	.562	5.500	.938	6.374	4.688	III
10-113637-144	14S	.463	.406	.875	.938	.7500-20UNEF	.500	5.344	.938	6.156	4.344	III
10-113637-171	16	.699	.605	1.062	1.125	.8750-20UNEF	.562	5.563	1.062	6.609	6.188	III
10-113637-172	16	.530	.441	1.000	1.000	.8750-20UNEF	.562	5.500	1.062	6.546	4.688	III
10-113637-181	18	.828	.715	1.125	1.250	1.0000-20UNEF	.562	6.657	1.188	7.703	6.688	III
10-113637-201	20	.750	.637	1.250	1.312	1.1250-18NEF	.562	6.000	1.312	7.046	6.688	III
10-113637-202	20	.984	.875	1.500	1.625	1.1250-18NEF	.562	6.750	1.312	7.796	7.188	III
10-113637-203	20	.900	.791	1.250	1.312	1.1250-18UNEF	.562	6.000	1.312	7.046	7.188	III
10-113637-221	22	.750	.637	1.250	1.312	1.2500-18NEF	.562	6.000	1.438	7.046	6.688	III
10-113637-222	22	.699	.605	1.062	1.312	1.2500-18NEF	.562	5.063	1.438	6.109	6.188	II
10-113637-223	22	1.055	.958	1.500	1.625	1.2500-18NEF	.562	6.750	1.438	7.796	7.688	III
10-113637-224	22	1.828	.715	1.125	1.250	1.2500-18NEF	.562	5.625	1.438	6.671	6.688	I
10-113637-225	22	.589	.511	1.000	1.250	1.2500-18NEF	.562	5.500	1.438	6.546	5.188	II
10-113637-241	24	.957	.857	1.250	1.375	1.3750-18NEF	.562	6.000	1.562	7.046	7.188	I
10-113637-242	24	.750	.637	1.250	1.375	1.3750-18NEF	.562	6.000	1.562	7.046	6.688	I
10-113637-243	24	1.101	.984	1.500	1.625	1.3750-18NEF	.562	6.750	1.562	7.796	7.688	III
10-113637-244	24	1.000	.875	1.500	1.625	1.3750-18NEF	.562	6.750	1.562	7.796	7.188	III
10-113637-245	24	1.180	1.055	1.750	1.812	1.3750-18NEF	.562	6.813	1.562	7.859	8.188	III
10-113637-246	24	.805	.692	1.250	1.375	1.3750-18NEF	.562	6.000	1.562	7.046	6.688	I
10-113637-281	28	1.000	.875	1.500	1.562	1.6250-18NEF	.562	6.750	1.812	7.796	7.188	I
10-113637-282	28	1.900	1.775	2.438	2.438	1.6250-18NEF	.672	8.125	1.812	9.281	13.688	III
10-113637-283	28	1.375	1.250	2.000	2.000	1.6250-18NEF	.562	6.875	1.812	7.921	9.688	III
10-113637-284	28	.750	.637	1.250	1.562	1.6250-18NEF	.562	5.750	1.812	6.796	6.688	II
10-113637-285	28	1.101	.984	1.500	1.562	1.6250-18NEF	.562	6.750	1.812	7.796	7.688	I
10-113637-286	28	1.130	1.005	1.750	1.875	1.6250-18NEF	.562	6.813	1.812	7.859	7.188	III
10-113637-287	28	.900	.791	1.250	1.562	1.6250-18NEF	.562	5.750	1.812	6.796	7.188	II
10-113637-288	28	1.427	1.320	2.000	2.000	1.6250-18NEF	.562	6.875	1.812	7.921	9.688	III
10-113637-289	28	1.180	1.099	1.750	1.875	1.6250-18NEF	.562	6.812	1.812	7.858	8.188	III
10-113637-290	28	1.055	.958	1.500	1.562	1.6250-18NEF	.562	6.750	1.812	7.796	7.688	I
10-113637-291	28	.957	.857	1.250	1.562	1.6250-18NEF	.562	5.750	1.812	6.796	7.188	II
10-113637-292	28	1.310	1.200	1.750	1.875	1.6250-18NEF	.562	6.813	1.812	7.859	8.688	III
10-113637-293	28	.530	.441	1.000	1.625	1.6250-18NEF	.562	6.500	1.812	7.546	4.688	II
10-113637-294	28	1.230	1.105	1.750	1.875	1.6250-18NEF	.562	6.813	1.812	7.859	8.188	III
10-113637-295	28	.630	.535	1.250	1.562	1.6250-18NEF	.562	5.750	1.812	6.796	5.688	II

*For complete order number see pages 4 and 5.

QWL – accessories
10-113637
cable sealing adapter (with woven strain relief)

All dimensions are for reference only.

Part Number*	Used With Shell Size	Cable Range		B +.000 –.010	C +.010 –.000	D Thread Class 2B-LH	E Free ±.035	F +.010 –.020	G Dia. +.010 –.020	H ±.045	K Free Approx.	Type
		Max. Dia.	Min. Dia.									
10-113637-321	32	.828	.715	1.125	1.844	1.8750-16N	.594	7.625	2.062	8.703	6.688	II
10-113637-322	32	1.310	1.200	1.750	1.812	1.8750-16UN	.562	6.812	2.062	7.858	8.688	I
10-113637-323	32	1.130	1.005	1.750	1.812	1.8750-16UN	.562	6.812	2.062	7.858	7.188	I
10-113637-324	32	1.375	1.250	2.000	2.000	1.8750-16UN	.562	7.875	2.062	8.921	9.688	III
10-113637-325	32	1.445	1.320	2.000	2.000	1.8750-16UN	.562	7.875	2.062	8.921	9.688	III
10-113637-326	32	1.180	1.099	1.750	1.812	1.8750-16UN	.562	6.812	2.062	7.858	8.188	I
10-113637-327	32	1.656	1.531	2.250	2.250	1.8750-16UN	.562	7.141	2.062	8.187	12.688	III
10-113637-328	32	.970	.857	1.250	1.844	1.8750-16UN	.562	6.688	2.062	7.734	7.188	II
10-113637-361	36	1.375	1.250	2.000	2.000	2.0625-16N	.562	6.875	2.312	7.921	9.688	I
10-113637-362	36	1.000	.875	1.500	2.000	2.0625-16N	.562	6.750	2.312	7.796	7.188	II
10-113637-363	36	1.920 x 1.140 oval	1.920 x 1.140 oval	2.438	2.438	2.0625-16N	.672	8.125	2.312	9.281	13.688	III
10-113637-364	36	1.230	1.105	1.750	2.000	2.0625-16N	.562	6.813	2.312	7.859	8.188	II
10-113637-365	36	1.562	1.437	2.250	2.250	2.0625-16N	.562	6.938	2.312	7.984	11.188	III
10-113637-366	36	1.656	1.531	2.250	2.250	2.0625-16N	.562	6.938	2.312	7.984	11.188	III
10-113637-367	36	1.445	1.320	2.000	2.000	2.0625-16N	.562	6.875	2.312	7.921	9.688	I
10-113637-368	36	1.825	1.700	2.438	2.500	2.0625-16N	.672	9.125	2.312	9.281	13.688	III
10-113637-369	36	1.895	1.775	2.438	2.438	2.0625-16N	.672	8.125	2.312	9.281	13.688	III
10-113637-370	36	1.730	1.605	2.438	2.438	2.0625-16N	.672	8.125	2.312	9.281	13.688	III
10-113637-371	36	1.310	1.200	1.750	2.000	2.0625-16N	.562	6.813	2.312	7.859	8.688	II
10-113637-401	40	1.906	1.761	2.750	2.438	2.3125-16N	.672	8.125	2.562	9.281	14.188	III
10-113637-402	40	1.940	1.815	2.438	2.438	2.3125-16N	.672	8.125	2.562	9.281	13.688	III
10-113637-403	40	1.900	1.775	2.438	2.438	2.3125-16N	.672	8.125	2.562	9.281	13.688	III
10-113637-404	40	1.825	1.700	2.438	2.438	2.3125-16N	.672	8.125	2.562	9.281	13.688	III
10-113637-405	40	1.310	1.200	1.750	2.250	2.3125-16N	.562	7.813	2.562	8.859	8.688	II
10-113637-406	40	1.180	1.099	1.750	2.250	2.3125-16N	.562	7.813	2.562	8.859	8.188	II
10-113637-407	40	1.230	1.105	1.750	2.250	2.3125-16N	.562	7.813	2.562	8.859	8.188	II
10-113637-408	40	1.656	1.531	2.250	2.250	2.3125-16N	.562	7.938	2.562	8.984	11.188	I
10-113637-410	40	2.145	2.000	2.750	2.438	2.3125-16N	.672	8.125	2.562	9.281	14.188	III
10-113637-411	40	1.984	1.859	2.438	2.438	2.3125-16N	.672	8.125	2.562	9.281	13.688	III
10-113637-412	40	1.940	1.815	2.438	2.438	2.3125-16N	.672	11.125	2.562	12.281	13.688	III
10-113637-413	40	1.984	1.859	2.438	2.438	2.3125-16N	.672	11.125	2.562	12.281	13.688	III
10-113637-414	40	2.100	1.955	2.750	2.625	2.3125-16N	.672	12.000	2.562	13.156	14.188	III
10-113637-415	40	1.562	1.437	2.250	2.250	2.3125-16N	.562	7.938	2.562	8.984	11.188	I
10-113637-416	40	1.445	1.320	2.000	2.312	2.3125-16N	.562	6.875	2.562	7.921	9.688	II
10-113637-417	40	1.375	1.250	2.000	2.312	2.3125-16N	.562	6.875	2.562	7.921	9.688	II

*For complete order number see pages 4 and 5.

QWL – accessories
10-113637
cable sealing adapter (with woven strain relief)

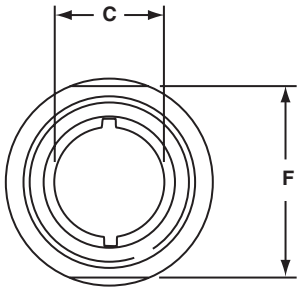
All dimensions are for reference only.

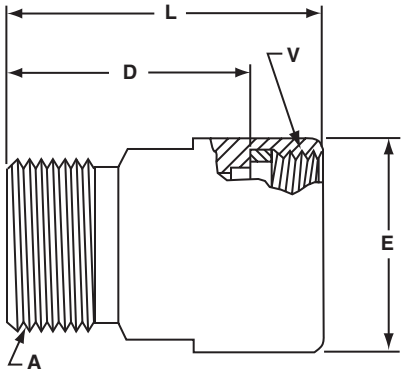
Part Number*	Used With Shell Size	Cable Range		B +.000 –.010	C +.010 –.000	D Thread Class 2B-LH	E Free ±.035	F +.010 –.020	G Dia +.010 –.020	H ±.045	K Free† Approx.	Type
		Max Dia	Min Dia									
10-113637-441	44	2.100	1.955	2.750	2.750	2.6250-16UN	.672	8.125	2.875	9.469	14.188	III
10-113637-442	44	2.250	2.105	2.750	2.875	2.6250-16UN	.672	8.188	2.875	9.531	17.188	III
10-113637-443	44	2.000	1.867	2.750	2.750	2.6250-16UN	.672	8.125	2.875	9.469	14.188	III
10-113637-444	44	1.500	1.375	2.250	2.500	2.6250-16UN	.562	7.938	2.875	9.171	11.188	II
10-113637-445	44	1.730	1.605	2.438	2.750	2.6250-16UN	.672	8.125	2.875	9.469	13.688	II
10-113637-446	44	.750	.637	1.250	2.625	2.6250-16UN	.562	6.688	2.875	7.921	6.688	II
10-113637-447	44	1.825	1.700	2.438	2.750	2.6250-16UN	.672	8.125	2.875	9.469	13.688	II
10-113637-448	44	2.145	2.000	2.750	2.750	2.6250-16UN	.672	8.125	2.875	9.469	14.188	III
10-113637-449	44	2.170	2.025	2.750	2.875	2.6250-16UN	.672	8.188	2.875	9.532	17.188	III
10-113637-450	44	1.375	1.250	2.000	2.625	2.6250-16UN	.562	7.875	2.875	9.109	9.688	II
10-113637-481	48	2.250	2.105	2.750	2.750	2.8750-16N	.672	8.188	3.125	9.532	14.688	I
10-113637-482	48	2.500	2.355	2.875	2.875	2.8750-16N	.672	8.188	3.125	9.532	18.188	III
10-113637-483	48	2.375	2.230	2.875	2.875	2.8750-16N	.672	8.188	3.125	9.532	18.188	III
10-113637-484	48	2.145	2.000	2.750	2.875	2.8750-16N	.672	8.125	3.125	9.469	14.188	II
10-113637-485	48	2.000	1.867	2.750	2.875	2.8750-16N	.672	8.125	3.125	9.469	14.188	II
10-113637-486	48	1.656	1.531	2.250	2.750	2.8750-16UN	.562	7.937	3.125	9.171	12.688	II

*For complete order number see pages 4 and 5.

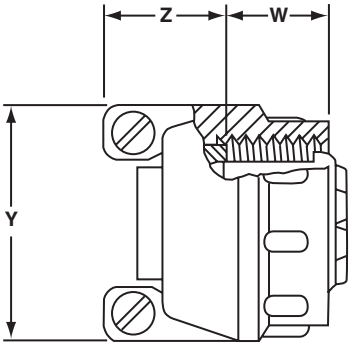
QWL – accessories
adapter, cable clamp

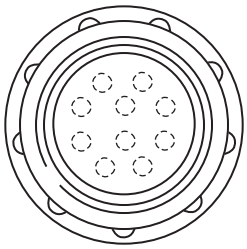
10-113196-XX
adapter





10-749XX-( )
cable clamp





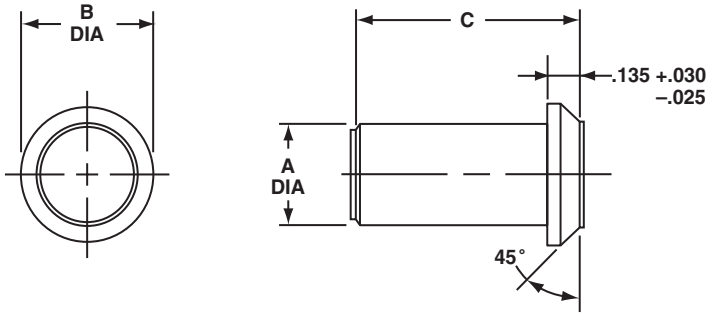
This cable clamp is designed to be used with specific QWL insert arrangements. The locations, quantity, and sizes of holes in the clamp grommet must correspond to those in the connector for an effective moisture seal without wire crossing. Contact Amphenol, Sidney, NY, for grommet availability. Example: 10-107618-4P must use 10-74918-4 clamp.

QWL – accessories
adapter, cable clamp, sealing plugs

All dimensions for reference only.

Shell Size	Adapter Part Number*	Clamp Part Number*	A Thread Class 2A	C +.010 –.000	D Dia. +.010 –.020	E Dia. +.010 –.020	F ±.010	L ±.010	V Thread Class 2B-LH	W Min. Thd. Engage	Y Max.	Z Max.
10S	10-113196-10	10-74910-( )	.500-28UNEF	.203	.922	.625	.562	1.234	.500-28UNEF	.519	.807	.529
12S	10-113196-12	10-74912-( )	.625-24NEF	.328	.969	.750	.688	1.281	.625-24NEF	.519	.901	.524
12	10-113196-13	10-74913-( )	.625-24NEF	.328	.954	.750	.688	1.438	.625-24NEF	.519	.901	.524
14S	10-113196-14	10-74914-( )	.750-20UNEF	.453	1.094	.875	.812	1.406	.750-20UNEF	.519	1.026	.524
14	10-113196-15	10-74915-( )	.750-20UNEF	.453	.954	.875	.812	1.438	.750-20UNEF	.519	1.026	.524
16S	10-113196-16	10-74916-( )	.875-20UNEF	.578	1.094	1.000	.938	1.406	.875-20UNEF	.519	1.119	.524
16	10-113196-17	10-74917-( )	.875-20UNEF	.578	1.016	1.000	.938	1.500	.875-20UNEF	.519	1.119	.524
18	10-113196-18	10-74918-( )	1.000-20UNEF	.676	1.141	1.188	1.062	1.625	1.000-20UNEF	.519	1.229	.556
20	10-113196-20	10-74920-( )	1.1875-18NEF	.801	1.094	1.312	1.250	1.578	1.125-18NEF	.505	1.479	.666
22	10-113196-22	10-74922-( )	1.1875-18NEF	.906	1.141	1.438	1.250	1.625	1.250-18NEF	.519	1.479	.666
24	10-113196-24	10-74924-( )	1.4375-18NEF	1.016	1.094	1.562	1.500	1.578	1.375-18NEF	.519	1.666	.666
28	10-113196-28	10-74928-( )	1.4375-18NEF	1.130	1.235	1.812	1.500	1.719	1.625-18NEF	.519	1.666	.666
32	10-113196-32	10-74932-( )	1.7500-18NS	1.438	1.204	2.062	1.875	1.688	1.875-16N	.519	2.135	.805
36	10-113196-36	10-74936-( )	2.000-18NS	1.678	1.266	2.250	2.125	1.750	2.0625-16N	.738	2.260	.805
40	10-113196-40	10-74940-( )	2.2500-16UN	1.914	1.266	2.500	2.375	1.750	2.3125-16N	.738	2.510	.805

*For complete order number see page 5. Clamp 10-749XX-( ) has a bright cadmium finish. An olive drab cadmium plate finish is available by order number 71-749XX-( ). To complete clamp order number, add connector insert arrangement number.



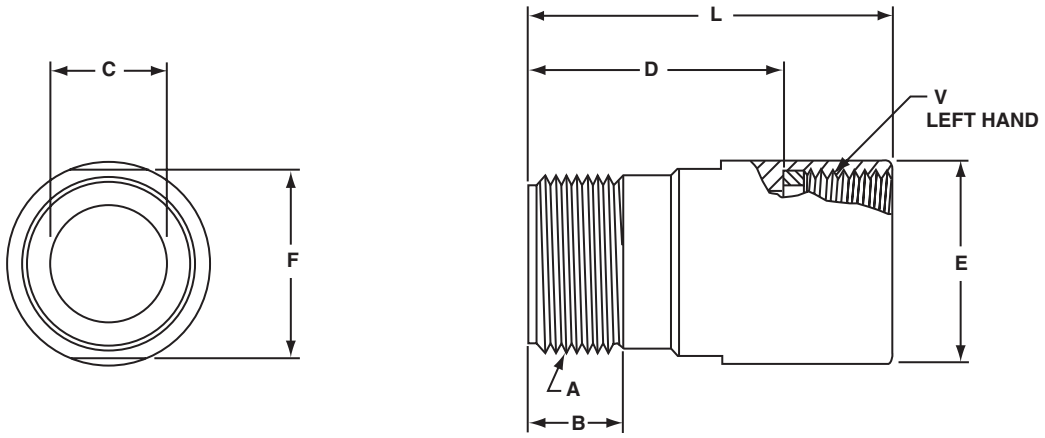
SEALING PLUG
MS27488-XX
10-405996-XX

Order No.	Contact Size	MS Number	Wire Size	Color Code	B ±.005	C ±.010	A Dia. ±.010
10-405996-16	16	27488-16	20-16	Blue	.133	.564*	.083
10-405996-12	12	27488-12	14-12	Yellow	.171	.564*	.121
10-405996-8	8	27488-8	10-8	White	.315	.470	.185
10-405996-4	4	27488-4	4-6	Blue	.415	.470	.310
10-405996-0	0	27488-0	0-2	Yellow	.605	1.000	.440

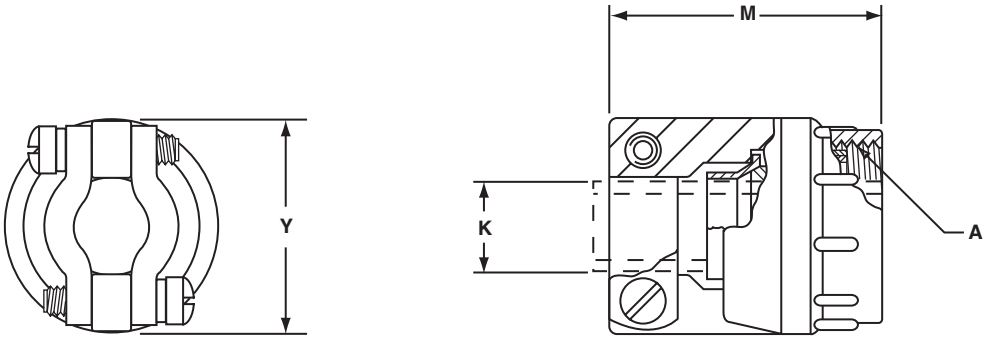
*±.020
Sealing plugs are used to fill unused holes in multi-holed grommet configurations

QWL – accessories
adapter, cable clamp

10-113138-XX
adapter



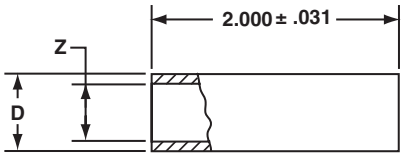
M85049/2-( )C
cable clamp



QWL – accessories
adapter, cable clamp, sleeve

Shell Size	Adapter Part Number*	Clamp MS Part Number*	A Thread Class 2A (Plated)	B Min Full Thd	C Dia +.000 –.010	D ±.020	E Dia +.010 –.020	F ±.010	K Dia Cable Range		L Max	M Max	V Thread Class 2B-LH	Y Max
									Free	Closed				
12	10-113138-12 10-113138-13	M85049/2-4C M85049/2-4C	.625-24UNEF .625-24NEF	.422 .422	.386 .386	1.078 1.125	.750 .750	.688 .688	.302	.094	1.390 1.609	1.375	.625-24NEF .625-24NEF	.906
14	10-113138-14 10-113138-15	M85049/2-6C M85049/2-6C	.750-20UNEF .750-20UNEF	.422 .422	.500 .500	1.078 1.125	.875 .875	.812 .812	.428	.230	1.390 1.609	1.375	.750-20UNEF .750-20UNEF	1.031
16	10-113138-16 10-113138-17	M85049/2-8C M85049/2-8C	.875-20UNEF .875-20UNEF	.422 .422	.625 .625	1.078 1.125	1.000 1.000	.938 .938	.515	.316	1.390 1.609	1.375	.875-20UNEF .875-20UNEF	1.125
18	10-113138-18	M85049/2-10C	1.000-20UNEF	.422	.752	1.125	1.188	1.062	.614	.378	1.609	1.437	1.000-20UNEF	1.234
20	10-113138-20	M85049/2-12C	1.1875-18UNEF	.422	.891	1.125	1.312	1.250	.738	.445	1.609	1.437	1.125-18NEF	1.484
22	10-113138-22	M85049/2-12C	1.1875-18NEF	.422	.891	1.125	1.438	1.250	.738	.445	1.609	1.437	1.250-18NEF	1.484
24	10-113138-24	M85049/2-16C	1.4375-18UNEF	.422	1.111	1.125	1.562	1.500	.926	.611	1.609	1.562	1.375-18NEF	1.671
28	10-113138-28	M85049/2-16C	1.4375-18NEF	.422	1.111	1.297	1.812	1.500	.926	.611	1.781	1.562	1.625-18NEF	1.671
32	10-113138-32	M85049/2-20C	1.750-18UNS	.484	1.422	1.297	2.062	1.875	1.200	.922	1.781	1.812	1.875-16UN	2.188
36	10-113138-36	M85049/2-24C	2.000-18UNS	.562	1.672	1.297	2.250	2.125	1.363	.922	1.781	2.062	2.0625-16N	2.344
40	10-113138-40	M85049/2-28C	2.250-16UN	.562	1.914	1.297	2.500	2.375	1.611	1.180	1.781	2.062	2.3125-16N	2.594
44	10-113138-44	M85049/2-32C	2.500-16UN	.562	2.142	1.297	2.812	2.625	1.865	1.427	1.781	2.188	2.625-16UN	2.812

MS3420-( )A sleeve

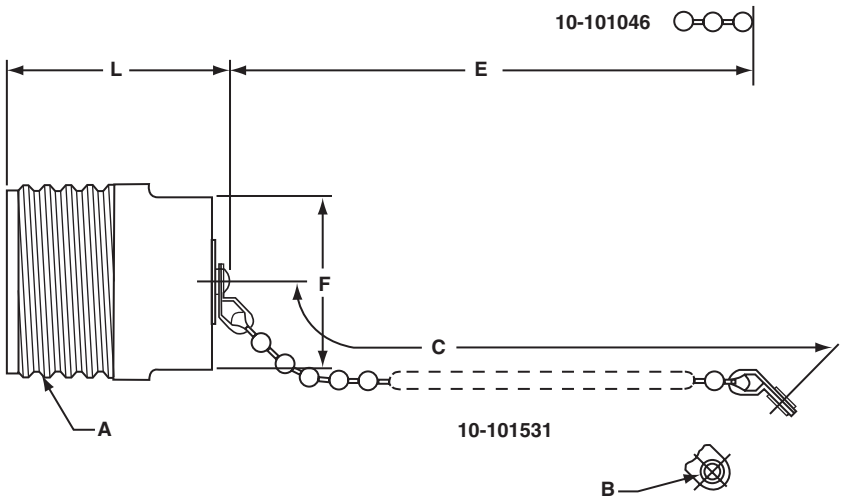


Shell Size	Sleeve MS Part Number	D Dia. ±.016	Z Dia	
			Free ±.016	Closed
12	MS3420-4A	.302	.219	.010
14	MS3420-4A MS3420-6A	.302 .427	.219 .312	.020 .114
16	MS3420-6A MS3420-8A	.427 .531	.312 .438	.085 .220
18	MS3420-6A MS3420-10A	.427 .615	.312 .438	.085 .200
20	MS3420-10A MS3420-12A	.615 .740	.438 .541	.177 .270
22	MS3420-10A MS3420-12A	.615 .740	.438 .541	.177 .270
24	MS3420-8A MS3420-12A MS3420-16A	.531 .740 .927	.438 .541 .750	.186 .260 .433
26	MS3420-8A MS3420-12A MS3420-16A	.531 .740 .927	.438 .541 .750	.186 .260 .433
32	MS3420-12A MS3420-16A MS3420-20A	.740 .927 1.240	.541 .750 .938	.273 .442 .620
36	MS3420-16A MS3420-20A MS3420-24A	.927 1.240 1.365	.750 .938 1.125	.358 .504 .682
40	MS3420-16A MS3420-20A MS3420-28A	.927 1.240 1.614	.750 .938 1.250	.368 .514 .816
44	MS3420-20A MS3420-28A MS3420-32A	1.240 1.614 1.865	.938 1.250 1.625	.638 .897 1.229

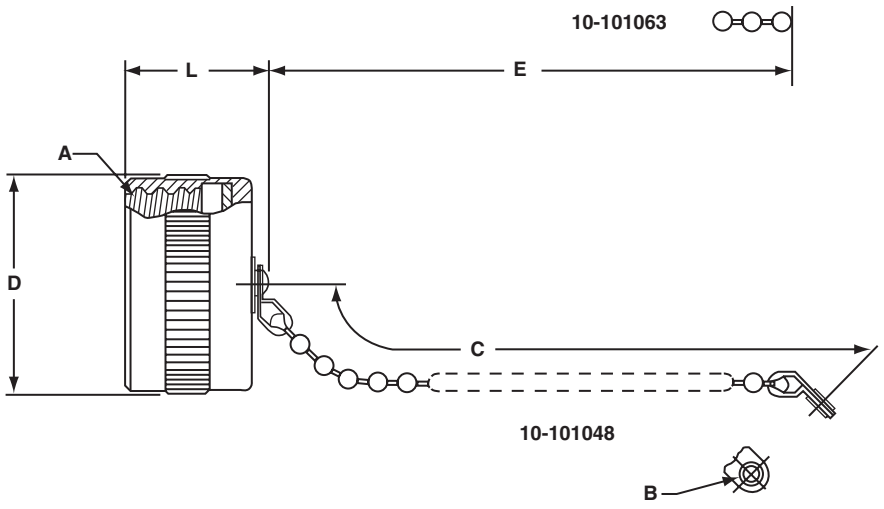
Sleeve not supplied as part of MS3057-( )C assembly.
Order separately by part number shown.

QWL – accessories
protection caps

10-101046-( ), 10-101531-( )
plug protective covers



10-101063-( ), 10-101048-( )
receptacle protective covers



QWL – accessories
protection caps

All dimensions for reference only.

Shell Size	Without Eyelet End Part Number*	With Eyelet End Part Number*	A Thread Class 2A	B Dia +.010 –.000	C Approx.	E Approx.	F Flat ±.010	L Max.
10	10-101046-10	10-101531-10	.6250-0.05P-0.1L-DS	.125	3.000	3.375	.500	1.250
12	10-101046-12	10-101531-12	.7500-0.1P-0.2L-DS	.125	3.500	3.875	.625	1.438
14	10-101046-14	10-101531-14	.8750-0.1P-0.2L-DS	.125	3.500	3.875	.750	1.438
16	10-101046-16	10-101531-16	1.0000-0.1P-0.2L-DS	.140	3.500	3.875	.875	1.438
18	10-101046-18	10-101531-18	1.1250-0.1P-0.2L-DS	.140	3.500	4.000	1.000	1.438
20	10-101046-20	10-101531-20	1.2500-0.1P-0.2L-DS	.193	4.000	4.500	1.062	1.438
22	10-101046-22	10-101531-22	1.3750-0.1P-0.2L-DS	.193	4.000	4.500	1.125	1.438
24	10-101046-24	10-101531-24	1.5000-0.1P-0.2L-DS	.193	4.500	5.000	1.250	1.438
28	10-101046-28	10-101531-28	1.7500-0.1P-0.2L-DS	.193	4.500	5.000	1.500	1.438
32	10-101046-32	10-101531-32	2.0000-0.1P-0.2L-DS	.193	5.000	5.500	1.750	1.438
36	10-101046-36	10-101531-36	2.2500-0.1P-0.2L-DS	.193	5.000	5.500	2.000	1.438
40	10-101046-40	10-101531-40	2.5000-0.1P-0.2L-DS	.193	5.000	5.500	2.250	1.438
44	10-101046-44	10-101531-44	2.7500-0.1P-0.2L-DS	.193	6.000	6.000	2.500	1.438
48	10-101046-48	10-101531-48	3.0000-0.1P-0.2L-DS	.193	6.000	6.000	2.750	1.438

*For complete order number see page 5.

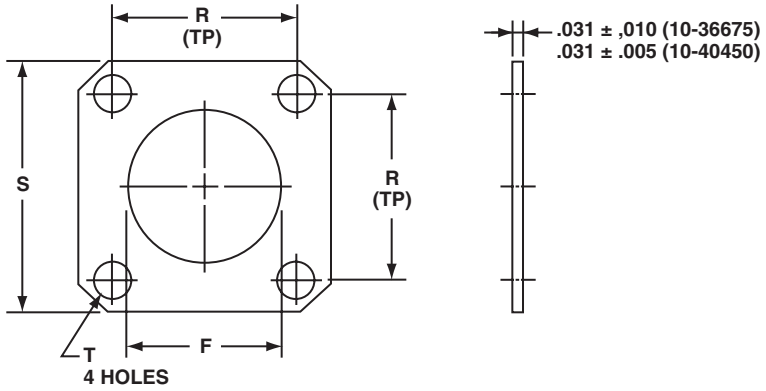
All dimensions for reference only.

Shell Size	Without Eyelet End Part Number*	With Eyelet End Part Number*	A Thread Class 2B	B Dia. +.010 –.000	C Approx.	D Dia. Max.	E Approx.	L Max.
10	10-101063-10	10-101048-10	.6250-0.05P-0.1L-DS	.140	3.000	.844	3.375	.750
12	10-101063-12	10-101048-12	.7500-0.1P-0.2L-DS	.140	3.500	.969	3.875	.750
14	10-101063-14	10-101048-14	.8750-0.1P-0.2L-DS	.140	3.500	1.094	3.875	.750
16	10-101063-16	10-101048-16	1.0000-0.1P-0.2L-DS	.140	3.500	1.219	3.875	.750
18	10-101063-18	10-101048-18	1.1250-0.1P-0.2L-DS	.193	3.500	1.344	4.000	.969
20	10-101063-20	10-101048-20	1.2500-0.1P-0.2L-DS	.193	4.000	1.469	4.500	.969
22	10-101063-22	10-101048-22	1.3750-0.1P-0.2L-DS	.193	4.000	1.562	4.500	.969
24	10-101063-24	10-101048-24	1.5000-0.1P-0.2L-DS	.193	4.500	1.688	5.000	.969
28	10-101063-28	10-101048-28	1.7500-0.1P-0.2L-DS	.193	4.500	1.938	5.000	.969
32	10-101063-32	10-101048-32	2.0000-0.1P-0.2L-DS	.193	5.000	2.219	5.500	.969
36	10-101063-36	10-101048-36	2.2500-0.1P-0.2L-DS	.193	5.000	2.469	5.500	.969
40	10-101063-40	10-101048-40	2.5000-0.1P-0.2L-DS	.193	5.000	2.719	5.500	.969
44	10-101063-44	10-101048-44	2.7500-0.1P-0.2L-DS	.193	6.000	2.969	6.000	.969
48	10-101063-48	10-101048-48	3.0000-0.1P-0.2L-DS	.193	6.000	3.219	6.000	.969

*For complete order number see page 5.

QWL – accessories
flange gasket, grip banding clamp

10-36675-( )
10-40450-( )
flange gaskets

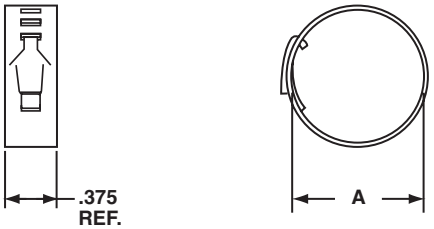


All dimensions for reference only.

Part Number*	Part Number*	Shell Size	F Dia. +.016 –.000	R ±.010	S +.016 –.000	T Dia. ±.010
10-36675-10	10-40450-10	10	.625	.719	1.000	.172
10-36675-12	10-40450-12	12	.750	.813	1.094	.172
10-36675-14	10-40450-14	14	.875	.906	1.188	.172
10-36675-16	10-40450-16	16	1.000	.969	1.281	.172
10-36675-18	10-40450-18	18	1.125	1.063	1.375	.203
10-36675-20	10-40450-20	20	1.250	1.156	1.500	.203
10-36675-22	10-40450-22	22	1.375	1.250	1.625	.203
10-36675-24	10-40450-24	24	1.500	1.375	1.750	.203
10-36675-28	10-40450-28	28	1.750	1.563	2.000	.203
10-36675-32	10-40450-32	32	2.000	1.750	2.250	.219
10-36675-36	10-40450-36	36	2.188	1.938	2.500	.219
10-36675-40	10-40450-40	40	2.438	2.188	2.750	.219
10-36675-44	10-40450-44	44	2.688	2.375	3.000	.219
10-36675-48	10-40450-48	48	2.938	2.625	3.250	.219

*For complete order number see page 5.

10-183249-( )
grip banding clamp



All dimensions for reference only.

Part Number*	A Dia.	
	Max.	Min.
10-183249-10	1.125	.812
10-183249-11	1.312	.938
10-183249-12	1.500	1.125
10-183249-13	1.688	1.312
10-183249-14	1.875	1.500
10-183249-15	2.062	1.688
10-183249-16	2.250	1.875
10-183249-17	2.438	2.062
10-183249-18	2.625	2.250
10-183249-19	2.812	2.438
10-183249-20	3.000	2.625

*For complete order number see page 5.

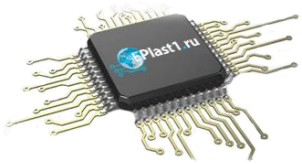
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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