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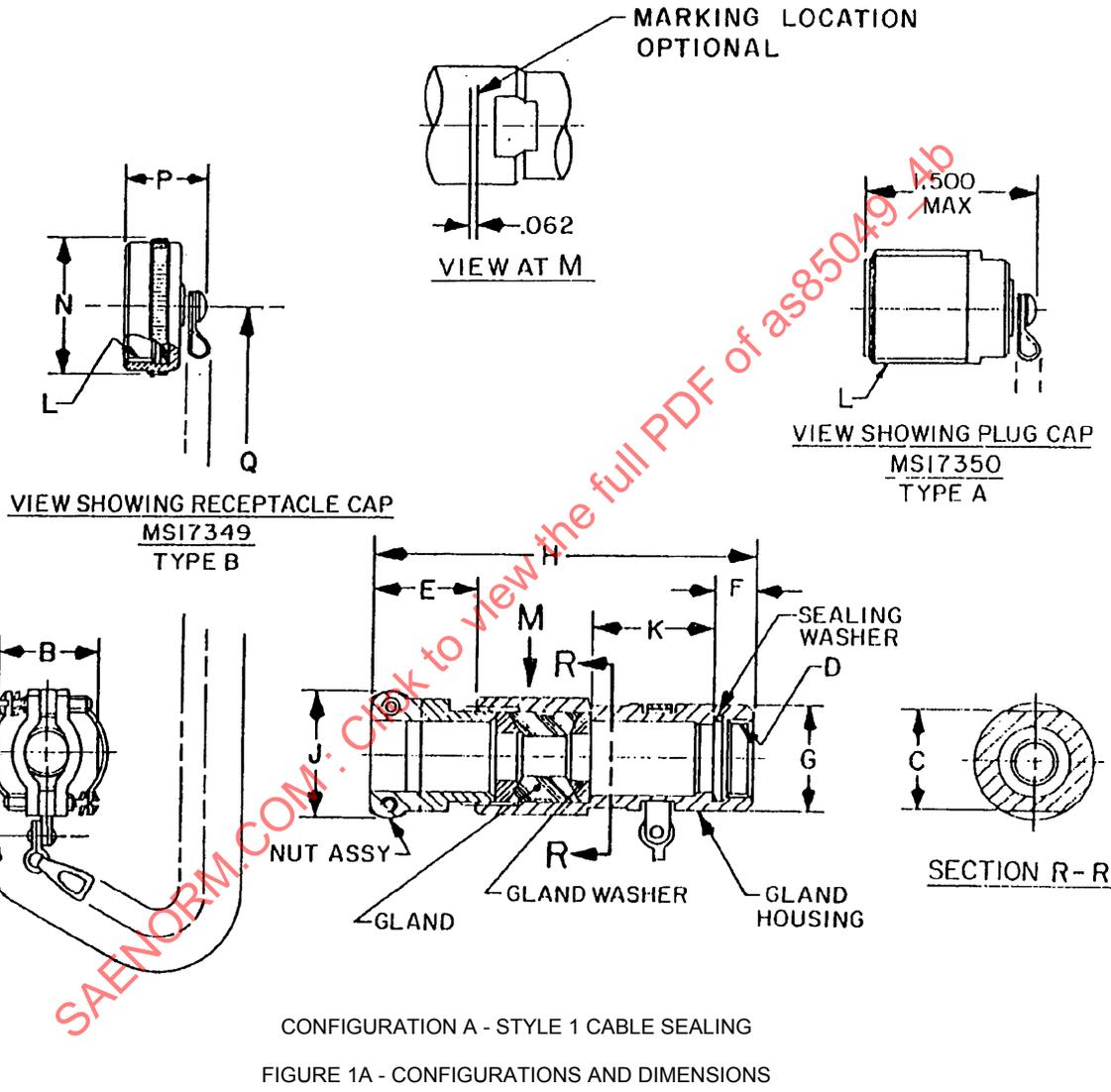
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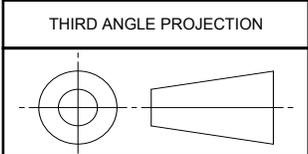
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PROCUREMENT SPECIFICATION: AS85049

SAE Aerospace
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AEROSPACE STANDARD

(R) CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, CABLE SEALING, STRAIGHT, SET-UP, CATEGORY 1A (FOR MIL-DTL-22992 CONNECTORS, CLASSES C, J, AND R)

SAE AS85049/4
SHEET 1 OF 11

REV. B

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CONFIGURATION A - STYLE 1 CABLE SEALING - CONTINUED

TABLE 1 - FIGURE 1A CONFIGURATIONS AND DIMENSIONS

SIZE NO.	SHELL SIZE	CABLE RANGE (SEE NOTE 5)		B +.000 -.010	C +.000 -.010	D THREAD CLASS 2B-LH	E FREE LENGTH MAX	F +.016	G DIA +.010 -.020
		MAX	MIN						
1	12	.530 (13.46)	.436 (11.07)	1.000 (25.40)	.812 (20.62)	.750-20 UNEF	1.062 (26.97)	.479 (12.17)	.938 (23.83)
2	12	.500 (12.70)	.406 (10.31)	.875 (22.23)	.938 (23.83)	.750-20 UNEF	.969 (24.61)	.479 (12.17)	.938 (23.83)
3	12	.405 (10.29)	.311 (7.90)	1.000 (25.40)	.812 (20.62)	.750-20 UNEF	1.062 (26.97)	.479 (12.17)	.938 (23.83)
4	14	.605 (15.37)	.511 (12.98)	1.000 (25.40)	1.062 (26.97)	.875-20 UNEF	1.062 (26.97)	.479 (12.17)	1.062 (26.97)
5	14	.625 (15.88)	.531 (13.49)	1.062 (26.97)	1.125 (28.58)	.875-20 UNEF	1.062 (26.97)	.479 (12.17)	1.062 (26.97)
6	14	.530 (13.46)	.436 (11.07)	1.000 (25.40)	1.062 (26.97)	.875-20 UNEF	1.062 (26.97)	.479 (12.17)	1.062 (26.97)
7	14	.405 (10.29)	.311 (7.90)	1.000 (25.40)	1.062 (26.97)	.875-20 UNEF	1.062 (26.97)	.479 (12.17)	1.062 (26.97)
8	18	.828 (21.03)	.715 (18.16)	1.188 (30.18)	1.250 (31.75)	1.125-18 UNEF	1.094 (27.79)	.479 (12.17)	1.312 (33.32)
9	20	.750 (19.05)	.637 (16.18)	1.312 (33.32)	1.375 (34.93)	1.250-18 UNEF	1.094 (27.79)	.479 (12.17)	1.438 (36.53)
10	20	1.000 (25.40)	.875 (22.23)	1.546 (39.27)	1.375 (34.93)	1.250-18 UNEF	1.281 (32.54)	.479 (12.17)	1.438 (36.53)
11	20	.900 (22.86)	.787 (19.99)	1.312 (33.32)	1.375 (34.93)	1.250-18 UNEF	1.094 (27.79)	.479 (12.17)	1.438 (36.53)
12	20	1.055 (26.80)	.930 (23.62)	1.546 (39.27)	1.375 (34.93)	1.250-18 UNEF	1.281 (32.54)	.479 (12.17)	1.438 (36.53)
13	22	1.000 (25.40)	.875 (22.23)	1.546 (39.27)	1.625 (41.28)	1.375-18 UNEF	1.281 (32.54)	.479 (12.17)	1.562 (39.67)
14	22	1.109 (28.17)	.984 (24.99)	1.546 (39.27)	1.625 (41.28)	1.375-18 UNEF	1.281 (32.54)	.479 (12.17)	1.562 (39.67)

CONFIGURATION A - STYLE 1 CABLE SEALING - CONTINUED

TABLE 1 - FIGURE 1A CONFIGURATIONS AND DIMENSIONS - CONTINUED

SIZE NO.	SHELL SIZE	H MAX	J ±.031	K +.015 -.025	L THREAD (PLATED) CLASS 2 (A OR B)	N DIA MAX	P MAX	Q WITHIN ONE LINK
1	12	4.275 (108.59)	1.375 (34.93)	1.219 (30.96)	.875-0.1P-0.2L-DS	1.094 (27.79)	.765 (19.43)	5.00 (127.00)
2	12	3.678 (93.42)	1.125 (28.58)	.871 (22.12)	.875-0.1P-0.2L-DS	1.094 (27.79)	.765 (19.43)	5.00 (127.00)
3	12	4.275 (108.59)	1.375 (34.93)	1.219 (30.96)	.875-0.1P-0.2L-DS	1.094 (27.79)	.765 (19.43)	5.00 (127.00)
4	14	4.177 (106.10)	1.375 (34.93)	1.121 (28.47)	1.000-0.1P-0.2L-DS	1.219 (30.96)	.765 (19.43)	5.00 (127.00)
5	14	4.489 (114.02)	1.562 (39.67)	1.371 (34.82)	1.000-0.1P-0.2L-DS	1.219 (30.96)	.765 (19.43)	5.00 (127.00)
6	14	4.177 (106.10)	1.375 (34.93)	1.121 (28.47)	1.000-0.1P-0.2L-DS	1.219 (30.96)	.765 (19.43)	5.00 (127.00)
7	14	4.177 (106.10)	1.375 (34.93)	1.121 (28.47)	1.000-0.1P-0.2L-DS	1.219 (30.96)	.765 (19.43)	5.00 (127.00)
8	18	4.584 (116.43)	1.688 (42.88)	1.343 (34.11)	1.250-0.1P-0.2L-DS	1.469 (37.31)	.980 (24.89)	5.00 (127.00)
9	20	4.647 (118.03)	1.812 (46.02)	1.371 (34.82)	1.375-0.1P-0.2L-DS	1.562 (39.67)	.980 (24.89)	5.00 (127.00)
10	20	4.896 (124.36)	2.125 (53.98)	1.371 (34.82)	1.375-0.1P-0.2L-DS	1.562 (39.67)	.980 (24.89)	5.00 (127.00)
11	20	4.647 (118.03)	1.812 (46.02)	1.371 (34.82)	1.375-0.1P-0.2L-DS	1.562 (39.67)	.980 (24.89)	5.00 (127.00)
12	20	4.896 (124.36)	2.125 (53.98)	1.371 (34.82)	1.375-0.1P-0.2L-DS	1.562 (39.67)	.980 (24.89)	5.00 (127.00)
13	22	4.896 (124.36)	2.125 (53.98)	1.371 (34.82)	1.500-0.1P-0.2L-DS	1.688 (42.88)	.980 (24.89)	6.00 (152.40)
14	22	4.896 (124.36)	2.125 (53.98)	1.371 (34.82)	1.500-0.1P-0.2L-DS	1.688 (42.88)	.980 (24.89)	6.00 (152.40)

CONFIGURATION A - STYLE 1 CABLE SEALING – CONTINUED

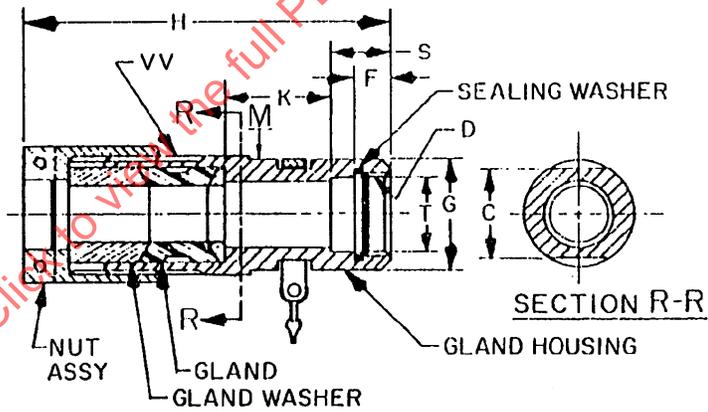
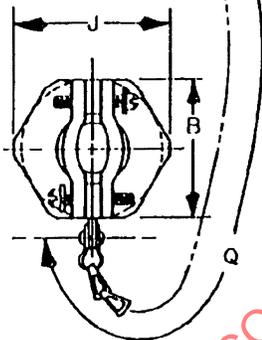
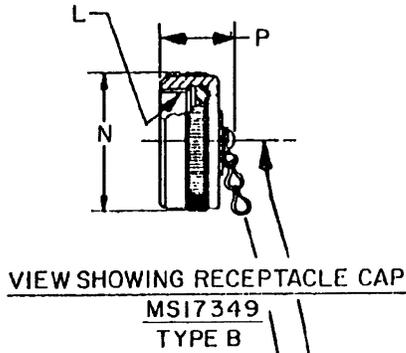
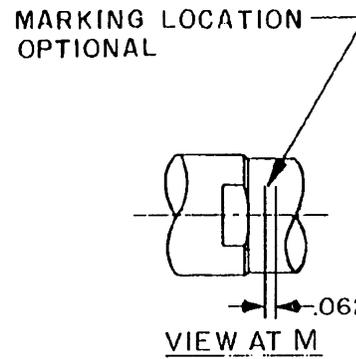
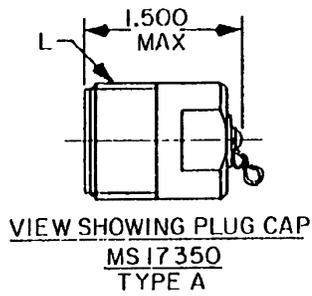
TABLE 1 - FIGURE 1A CONFIGURATIONS AND DIMENSIONS - CONTINUED

SIZE NO.	SHELL SIZE	CABLE RANGE (SEE NOTE 5)		B +.000 -.010	C +.000 -.010	D THREAD CLASS 2B-LH	E FREE LENGTH MAX	F +.016	G DIA +.010 -.020
		MAX	MIN						
15	24	1.180 (29.97)	1.055 (26.80)	1.780 (45.21)	1.875 (47.63)	1.625-18 UNEF	1.281 (32.54)	.479 (12.17)	1.812 (46.02)
16	24	1.310 (33.27)	1.185 (30.10)	1.780 (45.21)	1.875 (47.63)	1.625-18 UNEF	1.281 (32.54)	.479 (12.17)	1.812 (46.02)
17	24	1.230 (31.24)	1.105 (28.07)	1.780 (45.21)	1.875 (47.63)	1.625-18 UNEF	1.281 (32.54)	.479 (12.17)	1.812 (46.02)
18	24	1.375 (34.93)	1.250 (31.75)	2.000 (50.80)	1.875 (47.63)	1.625-18 UNEF	1.281 (32.54)	.479 (12.17)	1.812 (46.02)
19	28	1.445 (36.70)	1.320 (33.53)	2.000 (50.80)	2.062 (52.37)	1.875-16 UN	1.281 (32.54)	.479 (12.17)	2.062 (52.37)
20	28	1.531 (38.89)	1.406 (35.71)	2.000 (50.80)	2.062 (52.37)	1.875-16 UN	1.281 (32.54)	.479 (12.17)	2.062 (52.37)
21	28	1.375 (34.93)	1.250 (31.75)	2.000 (50.80)	2.062 (52.37)	1.875-16 UN	1.281 (32.54)	.479 (12.17)	2.062 (52.37)
22	32	1.656 (42.06)	1.531 (38.89)	2.250 (57.15)	2.312 (58.72)	2.062-16 UNS	1.281 (32.54)	.479 (12.17)	2.312 (58.72)
23	32	1.828 (46.43)	1.700 (43.18)	2.438 (61.93)	2.312 (58.72)	2.062-16 UNS	1.391 (35.33)	.479 (12.17)	2.312 (58.72)
24	32	1.562 (39.67)	1.437 (36.50)	2.250 (57.15)	2.312 (58.72)	2.062-16 UNS	1.281 (32.54)	.479 (12.17)	2.312 (58.72)
25	32	1.730 (43.94)	1.605 (40.77)	2.438 (61.93)	2.312 (58.72)	2.062-16 UNS	1.391 (35.33)	.479 (12.17)	2.312 (58.72)
26	36	1.900 (48.26)	1.775 (45.09)	2.438 (61.93)	2.500 (63.50)	2.312-16 UNS	1.391 (35.33)	.479 (12.17)	2.562 (65.07)
27	36	1.730 (43.94)	1.605 (40.77)	2.438 (61.93)	2.500 (63.50)	2.312-16 UNS	1.391 (35.33)	.479 (12.17)	2.562 (65.07)
28	36	1.825 (46.36)	1.700 (43.18)	2.438 (61.93)	2.500 (63.50)	2.312-16 UNS	1.391 (35.33)	.479 (12.17)	2.562 (65.07)
29	36	1.984 (50.39)	1.859 (47.22)	2.438 (61.93)	2.500 (63.50)	2.312-16 UNS	1.391 (35.33)	.479 (12.17)	2.562 (65.07)
30	36	2.062 (52.37)	1.917 (48.69)	2.750 (69.85)	2.500 (63.50)	2.312-16 UNS	1.391 (35.33)	.479 (12.17)	2.562 (65.07)
31	40	2.375 (60.33)	2.230 (56.64)	3.000 (76.20)	2.812 (71.42)	2.625-16 UN	1.391 (35.33)	.667 (16.94)	2.875 (73.03)
32	40	2.250 (57.15)	2.105 (53.47)	2.875 (73.03)	2.625 (66.68)	2.625-16 UN	1.391 (35.33)	.667 (16.94)	2.875 (73.03)
33	40	2.145 (54.48)	2.000 (50.80)	2.750 (69.85)	2.625 (66.68)	2.625-16 UN	1.391 (35.33)	.667 (16.94)	2.875 (73.03)
34	40	2.062 (52.37)	1.917 (48.69)	2.750 (69.85)	2.625 (66.68)	2.625-16 UN	1.391 (35.33)	.667 (16.94)	2.875 (73.03)
35	44	2.328 (59.13)	2.183 (55.45)	2.875 (73.03)	2.750 (69.85)	2.875-16 UN	1.382 (35.10)	.667 (16.94)	3.125 (79.38)

CONFIGURATION A - STYLE 1 CABLE SEALING - CONTINUED

TABLE 1 - FIGURE 1A CONFIGURATIONS AND DIMENSIONS - CONTINUED

SIZE NO.	SHELL SIZE	H MAX	J ±.031	K +.015 -.025	L THREAD (PLATED) CLASS 2 (A OR B)	N DIA MAX	P MAX	Q WITHIN ONE LINK
15	24	4.959 (125.96)	2.469 (62.71)	1.372 (34.85)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
16	24	4.959 (125.96)	2.469 (62.71)	1.372 (34.85)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
17	24	4.959 (125.96)	2.469 (62.71)	1.372 (34.85)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
18	24	4.959 (125.96)	2.625 (66.68)	1.309 (33.25)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
19	28	5.021 (127.53)	2.625 (66.68)	1.371 (34.82)	2.000-0.1P-0.2L-DS	2.219 (56.36)	.980 (24.89)	6.00 (152.40)
20	28	5.021 (127.53)	2.625 (66.68)	1.371 (34.82)	2.000-0.1P-0.2L-DS	2.219 (56.36)	.980 (24.89)	6.00 (152.40)
21	28	5.021 (127.53)	2.625 (66.68)	1.371 (34.82)	2.000-0.1P-0.2L-DS	2.219 (56.36)	.980 (24.89)	6.00 (152.40)
22	32	5.083 (129.11)	2.953 (75.01)	1.370 (34.80)	2.250-0.1P-0.2L-DS	2.469 (62.71)	.980 (24.89)	6.00 (152.40)
23	32	5.385 (136.78)	3.171 (80.54)	1.375 (34.93)	2.250-0.1P-0.2L-DS	2.469 (62.71)	.980 (24.89)	6.00 (152.40)
24	32	5.083 (129.11)	2.953 (75.01)	1.370 (34.80)	2.250-0.1P-0.2L-DS	2.469 (62.71)	.980 (24.89)	6.00 (152.40)
25	32	5.385 (136.78)	3.171 (80.54)	1.375 (34.93)	2.250-0.1P-0.2L-DS	2.469 (62.71)	.980 (24.89)	6.00 (152.40)
26	36	5.354 (135.99)	3.171 (80.54)	1.344 (34.14)	2.250-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)
27	36	5.354 (135.99)	3.171 (80.54)	1.344 (34.14)	2.250-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)
28	36	5.354 (135.99)	3.171 (80.54)	1.344 (34.14)	2.500-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)
29	36	5.354 (135.99)	3.171 (80.54)	1.344 (34.14)	2.500-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)
30	36	5.385 (136.78)	3.375 (85.73)	1.375 (34.93)	2.500-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)
31	40	5.682 (144.32)	3.625 (92.08)	1.421 (36.09)	2.750-0.1P-0.2L-DS	2.969 (75.41)	.980 (24.89)	6.00 (152.40)
32	40	5.682 (144.32)	3.500 (88.90)	1.421 (36.09)	2.750-0.1P-0.2L-DS	2.969 (75.41)	.980 (24.89)	6.00 (152.40)
33	40	5.620 (142.75)	3.375 (85.73)	1.422 (36.12)	2.750-0.1P-0.2L-DS	2.969 (75.41)	.980 (24.89)	6.00 (152.40)
34	40	5.620 (142.75)	3.375 (85.73)	1.422 (36.12)	2.750-0.1P-0.2L-DS	2.969 (75.41)	.980 (24.89)	6.00 (152.40)
35	44	6.471 (164.36)	3.531 (89.69)	2.218 (56.34)	3.000-0.1P-0.2L-DS	3.217 (81.71)	.980 (24.89)	6.00 (152.40)



CONFIGURATION B - STYLE 2 CABLE SEALING

FIGURE 1B - CONFIGURATIONS AND DIMENSIONS

CONFIGURATION B - STYLE 2 CABLE SEALING - CONTINUED

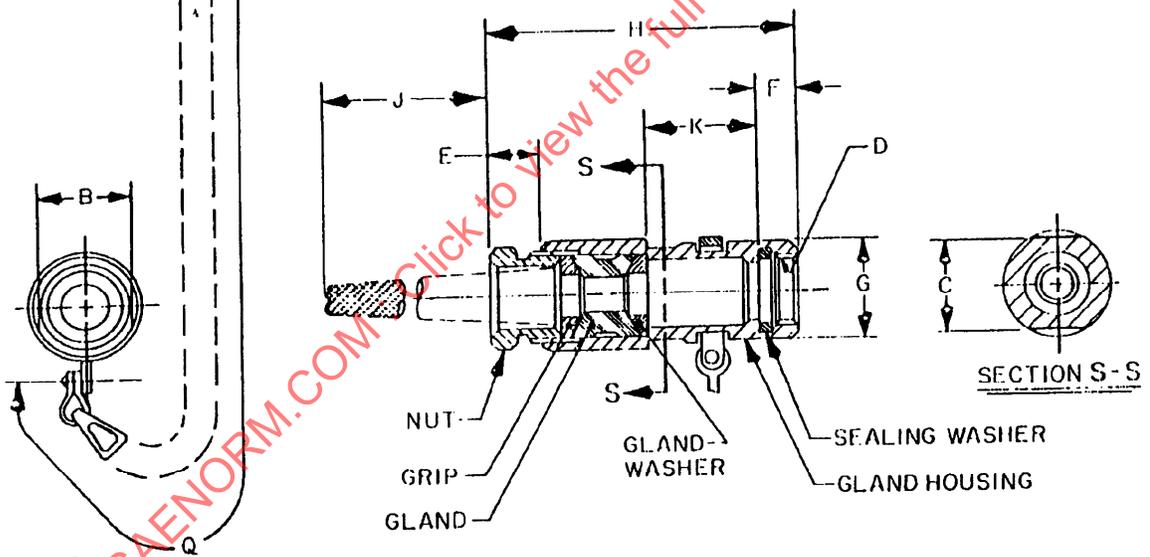
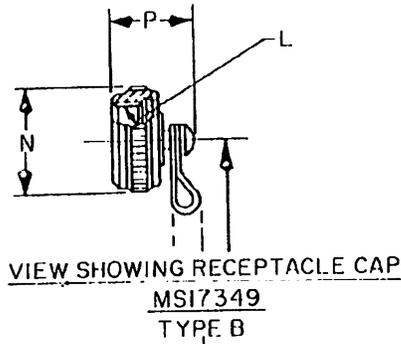
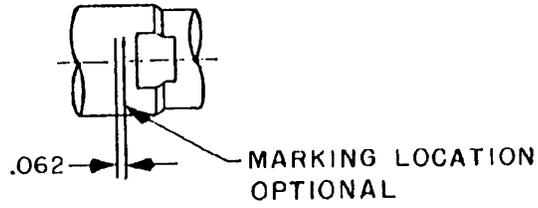
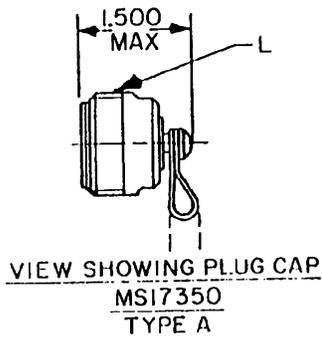
TABLE 2 - FIGURE 1B CONFIGURATIONS AND DIMENSIONS

SIZE NO.	SHELL SIZE	CABLE RANGE (SEE NOTE 5)		B ± .005	C +.000 -.010	D THREAD CLASS 2B-LH	F +.016	G DIA +.010 -.020	H MAX	J MAX
		MAX	MIN							
1	12	.521 (13.23)	.321 (8.15)	1.219 (30.96)	.938 (23.83)	.750-20 UNEF	.479 (12.17)	.938 (23.83)	4.000 (101.60)	1.320 (33.53)
2	14	.646 (16.41)	.446 (11.33)	1.344 (34.14)	1.062 (26.97)	.875-20 UNEF	.479 (12.17)	1.062 (26.97)	4.100 (104.14)	1.420 (36.07)
3	16	.765 (19.43)	.565 (14.35)	1.469 (37.31)	1.188 (30.18)	1.000-20 UNEF	.479 (12.17)	1.188 (30.18)	4.800 (121.92)	1.600 (40.64)
4	18	.890 (22.61)	.690 (17.53)	1.625 (41.28)	1.312 (33.32)	1.125-18 UNEF	.479 (12.17)	1.312 (33.32)	4.900 (124.46)	1.750 (44.45)
5	20	1.015 (25.78)	.815 (20.70)	1.750 (44.45)	1.438 (36.53)	1.250-18 UNEF	.479 (12.17)	1.438 (36.53)	4.900 (124.46)	1.900 (48.26)
6	22	1.180 (29.97)	.980 (24.89)	2.000 (50.80)	1.562 (39.67)	1.375-18 UNEF	.479 (12.17)	1.562 (39.67)	4.900 (124.46)	2.190 (55.63)
7	24	1.430 (36.32)	1.230 (31.24)	2.250 (57.15)	1.812 (46.02)	1.625-18 UNEF	.479 (12.17)	1.812 (46.02)	5.000 (127.00)	2.475 (62.87)
8	24	1.230 (31.24)	1.030 (26.16)	2.250 (57.15)	1.812 (46.02)	1.625-18 UNEF	.479 (12.17)	1.812 (46.02)	5.000 (127.00)	2.475 (62.87)
9	28	1.670 (42.42)	1.430 (36.32)	2.500 (63.50)	2.062 (52.37)	1.875-18 UN	.479 (12.17)	2.062 (52.37)	5.300 (134.62)	2.715 (68.96)
10	32	1.860 (47.24)	1.660 (22.23)	2.750 (69.85)	2.312 (58.72)	2.062-16 UN	.479 (12.17)	2.312 (58.72)	5.600 (142.24)	2.900 (73.66)
11	36	2.110 (53.59)	1.860 (47.24)	3.062 (77.77)	2.562 (65.07)	2.312-16 UN	.479 (12.17)	2.562 (65.07)	5.725 (145.42)	3.250 (82.55)
12	40	2.400 (60.96)	2.200 (55.88)	3.437 (87.30)	2.875 (73.03)	2.625-16 UN	.667 (16.94)	2.875 (73.03)	5.725 (145.42)	3.625 (92.08)
13	40	2.200 (55.88)	2.200 (55.88)	3.437 (87.30)	2.875 (73.03)	2.625-16 UN	.667 (16.94)	2.875 (73.03)	5.725 (145.42)	3.625 (92.08)

CONFIGURATION B - STYLE 2 CABLE SEALING - CONTINUED

TABLE 2 - FIGURE 1B CONFIGURATIONS AND DIMENSIONS - CONTINUED

SIZE NO.	SHELL SIZE	K ± .010	L THREAD (PLATED) CLASS 2 (A OR B)	N DIA MAX	P MAX	Q WITHIN ONE LINK	S ± .010	T DIA ± .005	W GLAND THREADS CLASS 2-LH
1	12	.950 (24.13)	.875-0.1P-0.2L-DS	1.094 (27.79)	.765 (19.43)	5.00 (127.00)	1.425 (36.20)	.600 (15.24)	1.062-18 UNEF
2	14	1.075 (27.31)	1.000-0.1P-0.2L-DS	1.219 (30.96)	.765 (19.43)	5.00 (127.00)	1.425 (36.20)	.726 (18.44)	1.187-18 UNEF
3	16	1.200 (30.48)	1.125-0.1P-0.2L-DS	1.344 (34.14)	.980 (24.89)	5.00 (127.00)	1.605 (40.77)	.845 (21.46)	1.312-18 UNEF
4	18	1.325 (33.66)	1.250-0.1P-0.2L-DS	1.469 (37.31)	.980 (24.89)	5.00 (127.00)	1.605 (40.77)	.970 (24.64)	1.437-18 UNEF
5	20	1.325 (33.66)	1.375-0.1P-0.2L-DS	1.562 (39.67)	.980 (24.89)	5.00 (127.00)	1.605 (40.77)	1.095 (27.81)	1.562-18 UNEF
6	22	1.325 (33.66)	1.500-0.1P-0.2L-DS	1.688 (42.88)	.980 (24.89)	6.00 (152.40)	1.605 (40.77)	1.220 (30.99)	1.812-16 UN
7	24	1.450 (36.83)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)	1.605 (40.77)	1.470 (37.34)	2.062-16 UN
8	24	1.450 (36.83)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)	1.605 (40.77)	1.470 (37.34)	2.062-16 UN
9	28	1.700 (43.18)	2.000-0.1P-0.2L-DS	2.219 (56.36)	.980 (24.89)	6.00 (152.40)	1.605 (40.77)	1.713 (43.51)	2.312-16 UN
10	32	1.950 (49.53)	2.250-0.1P-0.2L-DS	2.469 (62.71)	.980 (24.89)	6.00 (152.40)	1.605 (40.77)	1.900 (48.26)	2.500-16 UN
11	36	1.950 (49.53)	2.500-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)	1.605 (40.77)	2.150 (54.61)	2.875-16 UN
12	40	1.950 (49.53)	2.750-0.1P-0.2L-DS	2.969 (75.41)	.980 (24.89)	6.00 (152.40)	1.605 (40.77)	2.460 (62.48)	3.125-16 UN
13	40	1.950 (49.53)	2.750-0.1P-0.2L-DS	2.969 (75.41)	.980 (24.89)	6.00 (152.40)	1.605 (40.77)	2.460 (62.48)	3.125-16 UN



CONFIGURATION C - STYLE 3 CABLE SEALING AND GRIPPING

FIGURE 1C - CONFIGURATIONS AND DIMENSIONS

CONFIGURATION C - STYLE 3 CABLE SEALING - CONTINUED

TABLE 3 - FIGURE 1C CONFIGURATIONS AND DIMENSIONS

SIZE NO.	SHELL SIZE	CABLE RANGE (SEE NOTE 5)		B +.000 -.010	C +.000 -.010	D THREAD CLASS 2B-LH	E FREE LENGTH MAX	F +.016	G DIA +.010 -.020
		MAX	MIN						
1	12	.530 (13.46)	.436 (11.07)	1.000 (25.40)	.812 (20.62)	.750-20 UNEF	.597 (15.16)	.479 (12.17)	.938 (23.83)
2	12	.500 (12.70)	.406 (10.31)	.875 (22.23)	.938 (23.83)	.750-20 UNEF	.539 (13.69)	.479 (12.17)	.938 (23.83)
3	12	.405 (10.29)	.316 (8.03)	1.000 (25.40)	.812 (20.62)	.750-20 UNEF	.597 (15.16)	.479 (12.17)	.938 (23.83)
4	14	.625 (15.88)	.560 (14.22)	1.062 (26.97)	1.125 (28.58)	.875-20 UNEF	.597 (15.16)	.479 (12.17)	1.062 (26.97)
5	14	.605 (15.37)	.511 (12.98)	1.000 (25.40)	1.062 (26.97)	.875-20 UNEF	.597 (15.16)	.479 (12.17)	1.062 (26.97)
6	14	.530 (13.46)	.430 (10.92)	1.000 (25.40)	1.062 (26.97)	.875-20 UNEF	.597 (15.16)	.479 (12.17)	1.062 (26.97)
7	14	.405 (10.29)	.316 (8.03)	1.000 (25.40)	1.062 (26.97)	.875-20 UNEF	.597 (15.16)	.479 (12.17)	1.062 (26.97)
8	18	.828 (21.03)	.715 (18.16)	1.125 (28.58)	1.250 (31.75)	1.125-18 UNEF	.597 (15.16)	.479 (12.17)	1.312 (33.32)
9	20	1.055 (26.80)	.930 (23.62)	1.500 (38.10)	1.375 (34.93)	1.250-18 UNEF	.597 (15.16)	.479 (12.17)	1.438 (36.53)
10	20	1.000 (25.40)	.875 (22.23)	1.500 (38.10)	1.375 (34.93)	1.250-18 UNEF	.597 (15.16)	.479 (12.17)	1.438 (36.53)
11	20	.900 (22.86)	.787 (19.99)	1.250 (31.75)	1.375 (34.93)	1.250-18 UNEF	.597 (15.16)	.479 (12.17)	1.438 (36.53)
12	20	.750 (19.05)	.637 (16.18)	1.250 (31.75)	1.375 (34.93)	1.250-18 UNEF	.597 (15.16)	.479 (12.17)	1.438 (36.53)
13	22	1.109 (28.17)	.984 (24.99)	1.500 (38.10)	1.625 (41.28)	1.375-18 UNEF	.597 (15.16)	.479 (12.17)	1.562 (39.67)
14	22	1.000 (25.40)	.875 (22.23)	1.500 (38.10)	1.625 (41.28)	1.375-18 UNEF	.597 (15.16)	.479 (12.17)	1.562 (39.67)
15	24	1.375 (34.93)	1.250 (31.75)	2.000 (50.80)	1.875 (47.63)	1.625-18 UNEF	.597 (15.16)	.479 (12.17)	1.812 (46.02)
16	24	1.310 (33.27)	1.185 (30.10)	1.750 (44.45)	1.875 (47.63)	1.625-18 UNEF	.597 (15.16)	.479 (12.17)	1.812 (46.02)
17	24	1.230 (31.24)	1.105 (28.07)	1.750 (44.45)	1.875 (47.63)	1.625-18 UNEF	.597 (15.16)	.479 (12.17)	1.812 (46.02)
18	24	1.180 (29.97)	1.055 (26.80)	1.750 (44.45)	1.875 (47.63)	1.625-18 UNEF	.597 (15.16)	.479 (12.17)	1.812 (46.02)
19	28	1.531 (38.89)	1.406 (35.71)	2.000 (50.80)	2.062 (52.37)	1.875-16 UN	.597 (15.16)	.479 (12.17)	2.062 (52.37)
20	28	1.445 (36.70)	1.320 (33.53)	2.000 (50.80)	2.062 (52.37)	1.875-16 UN	.597 (15.16)	.479 (12.17)	2.062 (52.37)
21	28	1.375 (34.93)	1.250 (31.75)	2.000 (50.80)	2.062 (52.37)	1.875-16 UN	.597 (15.16)	.479 (12.17)	2.062 (52.37)
22	32	1.825 (46.36)	1.700 (43.18)	2.438 (61.93)	2.312 (58.72)	2.062-16 UNS	.710 (18.03)	.479 (12.17)	2.312 (58.72)
23	32	1.730 (43.94)	1.605 (40.77)	2.438 (61.93)	2.312 (58.72)	2.062-16 UNS	.710 (18.03)	.479 (12.17)	2.312 (58.72)
24	32	1.656 (42.06)	1.531 (38.89)	2.250 (57.15)	2.312 (58.72)	2.062-16 UNS	.597 (15.16)	.479 (12.17)	2.312 (58.72)
25	36	2.062 (52.37)	1.917 (48.69)	2.750 (69.85)	2.500 (63.50)	2.312-16 UNS	.710 (18.03)	.479 (12.17)	2.562 (65.07)
26	36	1.984 (50.39)	1.859 (47.22)	2.438 (61.93)	2.500 (63.50)	2.312-16 UNS	.710 (18.03)	.479 (12.17)	2.562 (65.07)
27	36	1.900 (48.26)	1.775 (45.09)	2.438 (61.93)	2.500 (63.50)	2.312-16 UNS	.710 (18.03)	.479 (12.17)	2.562 (65.07)
28	36	1.825 (46.36)	1.700 (43.18)	2.438 (61.93)	2.500 (63.50)	2.312-16 UNS	.710 (18.03)	.479 (12.17)	2.562 (65.07)
29	36	1.730 (43.94)	1.605 (40.77)	2.438 (61.93)	2.500 (63.50)	2.312-16 UNS	.710 (18.03)	.479 (12.17)	2.562 (65.07)
30	40	2.375 (60.33)	2.230 (56.64)	2.875 (73.03)	2.812 (71.42)	2.625-16 UN	.710 (18.03)	.667 (16.94)	2.875 (73.03)
31	40	2.250 (57.15)	2.105 (53.48)	2.750 (69.85)	2.625 (66.68)	2.625-16 UN	.710 (18.03)	.667 (16.94)	2.875 (73.03)
32	40	2.145 (54.38)	2.000 (50.80)	2.750 (69.85)	2.625 (66.68)	2.625-16 UN	.710 (18.03)	.667 (16.94)	2.875 (73.03)
33	40	2.062 (52.37)	1.917 (48.69)	2.750 (69.85)	2.625 (66.68)	2.625-16 UN	.710 (18.03)	.667 (16.94)	2.875 (73.03)

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CONFIGURATION C - STYLE 3 CABLE SEALING AND GRIPPING - CONTINUED

TABLE 3 - FIGURE 1C CONFIGURATIONS AND DIMENSIONS - CONTINUED

SIZE NO.	SHELL SIZE	H MAX	J APPROX. FREE LENGTH	K +.015 -.025	L THREAD (PLATED) CLASS 2 (A OR B)	N DIA MAX	P MAX	Q WITHIN ONE LINK
1	12	3.810 (96.77)	4.688 (119.08)	1.219 (30.96)	.875-0.1P-0.2L-DS	1.094 (27.79)	.765 (19.43)	5.00 (127.00)
2	12	3.248 (82.50)	4.344 (110.34)	.871 (22.12)	.875-0.1P-0.2L-DS	1.094 (27.79)	.765 (19.43)	5.00 (127.00)
3	12	3.810 (96.77)	3.688 (93.68)	1.219 (30.96)	.875-0.1P-0.2L-DS	1.094 (27.79)	.765 (19.43)	5.00 (127.00)
4	14	4.024 (102.21)	6.188 (157.18)	1.371 (34.82)	1.000-0.1P-0.2L-DS	1.219 (30.96)	.765 (19.43)	5.00 (127.00)
5	14	3.712 (94.28)	5.188 (131.78)	1.121 (28.47)	1.000-0.1P-0.2L-DS	1.219 (30.96)	.765 (19.43)	5.00 (127.00)
6	14	3.712 (94.28)	4.688 (119.08)	1.121 (28.47)	1.000-0.1P-0.2L-DS	1.219 (30.96)	.765 (19.43)	5.00 (127.00)
7	14	3.712 (94.28)	3.688 (93.68)	1.121 (28.47)	1.000-0.1P-0.2L-DS	1.219 (30.96)	.765 (19.43)	5.00 (127.00)
8	18	4.087 (103.81)	6.688 (169.88)	1.343 (34.11)	1.250-0.1P-0.2L-DS	1.469 (37.31)	.980 (24.89)	5.00 (127.00)
9	20	4.212 (106.98)	7.688 (195.28)	1.371 (34.82)	1.375-0.1P-0.2L-DS	1.562 (39.67)	.980 (24.89)	5.00 (127.00)
10	20	4.212 (106.98)	7.188 (182.58)	1.371 (34.82)	1.375-0.1P-0.2L-DS	1.562 (39.67)	.980 (24.89)	5.00 (127.00)
11	20	4.150 (105.41)	7.188 (182.58)	1.371 (34.82)	1.375-0.1P-0.2L-DS	1.562 (39.67)	.980 (24.89)	5.00 (127.00)
12	20	4.150 (105.41)	7.188 (182.58)	1.371 (34.82)	1.375-0.1P-0.2L-DS	1.562 (39.67)	.980 (24.89)	5.00 (127.00)
13	22	4.212 (106.98)	7.688 (195.28)	1.371 (34.82)	1.500-0.1P-0.2L-DS	1.688 (42.88)	.980 (24.89)	6.00 (152.40)
14	22	4.212 (106.98)	7.188 (182.58)	1.371 (34.82)	1.500-0.1P-0.2L-DS	1.688 (42.88)	.980 (24.89)	6.00 (152.40)
15	24	4.275 (108.59)	9.688 (246.08)	1.309 (33.25)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
16	24	4.275 (108.59)	8.688 (220.68)	1.372 (34.85)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
17	24	4.275 (108.59)	8.188 (207.98)	1.372 (34.85)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
18	24	4.275 (108.59)	8.188 (207.98)	1.372 (34.85)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
19	28	4.337 (110.16)	10.688 (271.48)	1.371 (34.82)	2.000-0.1P-0.2L-DS	2.219 (56.36)	.980 (24.89)	6.00 (152.40)
20	28	4.337 (110.16)	9.688 (246.08)	1.371 (34.82)	2.000-0.1P-0.2L-DS	2.219 (56.36)	.980 (24.89)	6.00 (152.40)
21	28	4.337 (110.16)	9.688 (246.08)	1.371 (34.82)	2.000-0.1P-0.2L-DS	2.219 (56.36)	.980 (24.89)	6.00 (152.40)
22	32	4.704 (119.48)	13.688 (347.68)	1.371 (34.82)	2.250-0.1P-0.2L-DS	2.469 (62.71)	.980 (24.89)	6.00 (152.40)
23	32	4.704 (119.48)	13.688 (347.68)	1.371 (34.82)	2.250-0.1P-0.2L-DS	2.469 (62.71)	.980 (24.89)	6.00 (152.40)
24	32	4.399 (111.73)	12.688 (322.28)	1.370 (34.80)	2.250-0.1P-0.2L-DS	2.469 (62.71)	.980 (24.89)	6.00 (152.40)
25	36	4.704 (119.48)	14.188 (360.38)	1.375 (34.93)	2.500-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)
26	36	4.673 (118.69)	13.688 (347.68)	1.344 (34.14)	2.500-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)
27	36	4.673 (118.69)	13.688 (347.68)	1.344 (34.14)	2.500-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)
28	36	4.673 (118.69)	13.688 (347.68)	1.344 (34.14)	2.500-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)
29	36	4.673 (118.69)	13.688 (347.68)	1.344 (34.14)	2.500-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)
30	40	5.000 (127.00)	18.188 (461.98)	1.421 (36.09)	2.750-0.1P-0.2L-DS	2.969 (75.41)	.980 (24.89)	6.00 (152.40)
31	40	5.000 (127.00)	17.188 (436.58)	1.421 (36.09)	2.750-0.1P-0.2L-DS	2.969 (75.41)	.980 (24.89)	6.00 (152.40)
32	40	4.939 (125.45)	14.188 (360.38)	1.422 (36.12)	2.750-0.1P-0.2L-DS	2.969 (75.41)	.980 (24.89)	6.00 (152.40)
33	40	4.939 (125.45)	14.188 (360.38)	1.422 (36.12)	2.750-0.1P-0.2L-DS	2.969 (75.41)	.980 (24.89)	6.00 (152.40)

NOTES:

- DIMENSIONS ARE IN INCHES.
- METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY.
- UNLESS OTHERWISE SPECIFIED, TOLERANCE IS $\pm .016$ (0.41).
- DIMENSIONS APPLY AFTER PLATING.
- CABLE RANGE IS DEFINED AS THE ENVELOPE AREA FOR THE WIRE BUNDLE. THIS DIMENSION IS NOT MEANT TO DEFINE THE CLAMP HARDWARE LIMITS.