

RATIONALE

THIS REVISION IS REQUIRED TO ADD NEW PLATING OPTIONS AND UPDATE TO MEET SAE FORMAT GUIDELINES.

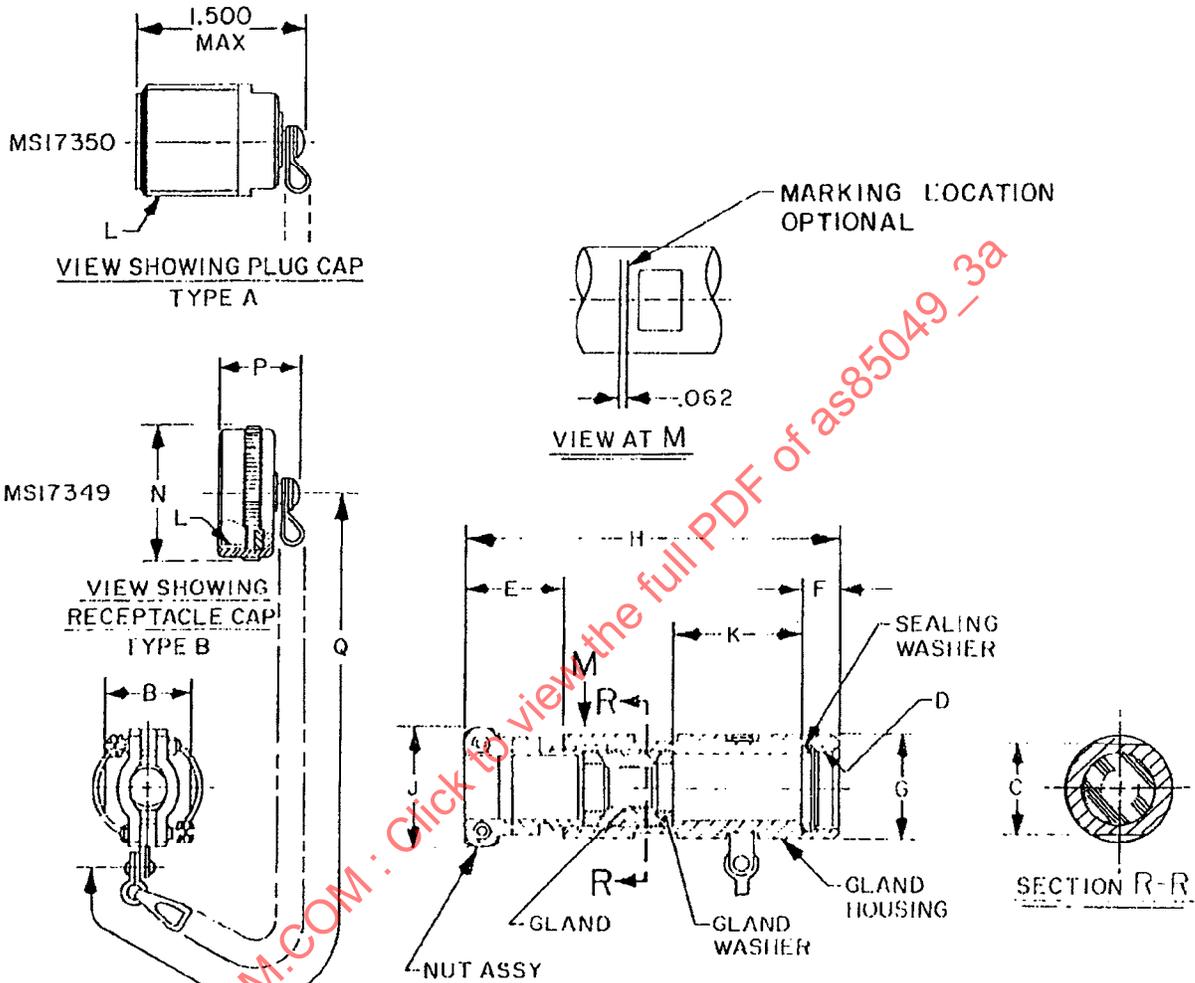
NOTICE

THE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE LATEST ISSUE OF SAE AS85049.

REV.
A

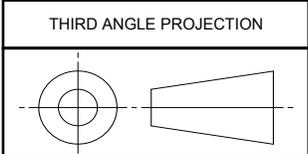
SAE AS85049/3

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CONFIGURATION A - STYLE 1 CABLE SEALING
FIGURE 1 - CONFIGURATIONS AND DIMENSIONS

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CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS39029

SAE Aerospace
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AEROSPACE STANDARD

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

SAE AS85049/3
SHEET 1 OF 10

REV.
A

ISSUED 2000-04 REAFFIRMED 2006-01 REVISED 2011-02

	SHELL SIZE	CABLE RANGE (SEE NOTE 5)		B +.000 -.010	C +.000 -.010	D THREAD CLASS 2B-LH	E FREE LENGTH MAX	F +.016 -.000	G DIA +.010 -.020
		MAX	MIN						
1	12	.375 (9.53)	.281 (7.14)	.750 (19.05)	.812 (20.62)	.750-20 UNEF	.969 (24.61)	.479 (12.17)	.938 (23.83)
2	12	.281 (7.14)	.188 (4.78)	.750 (19.05)	.812 (20.62)	.750-20 UNEF	.969 (24.61)	.479 (12.17)	.938 (23.83)
3	14	.438 (11.13)	.344 (8.74)	.875 (22.23)	.938 (23.83)	.875-20 UNEF	.969 (24.61)	.479 (12.17)	1.062 (26.97)
4	16	.605 (15.37)	.511 (12.98)	1.000 (25.40)	1.062 (26.97)	1.000-20 UNEF	1.062 (26.97)	.479 (12.17)	1.188 (30.18)
5	16	.530 (13.46)	.436 (11.07)	1.000 (25.40)	1.062 (26.97)	1.000-20 UNEF	1.062 (26.97)	.479 (12.17)	1.188 (30.18)
6	16	.405 (10.29)	.311 (7.90)	1.000 (25.40)	1.062 (26.97)	1.000-20 UNEF	1.062 (26.97)	.479 (12.17)	1.188 (30.18)
7	18	.625 (15.88)	.531 (13.49)	1.062 (26.97)	1.125 (28.58)	1.125-18 UNEF	1.062 (26.97)	.479 (12.17)	1.312 (33.32)
8	18	.699 (17.75)	.605 (15.37)	1.062 (26.97)	1.125 (28.58)	1.125-18 UNEF	1.062 (26.97)	.479 (12.17)	1.312 (33.32)
9	18	.500 (12.70)	.406 (10.31)	1.062 (26.97)	1.125 (28.58)	1.125-18 UNEF	1.062 (26.97)	.479 (12.17)	1.312 (33.32)
10	18	.455 (11.56)	.361 (9.17)	1.062 (26.97)	1.125 (28.58)	1.125-18 UNEF	1.062 (26.97)	.479 (12.17)	1.312 (33.32)
11	20	.828 (21.03)	.715 (18.16)	1.188 (30.18)	1.250 (31.75)	1.250-18 UNEF	1.125 (28.58)	.479 (12.17)	1.438 (36.53)
12	20	.562 (14.27)	.449 (11.40)	1.188 (30.18)	1.250 (31.75)	1.250-18 UNEF	1.125 (28.58)	.479 (12.17)	1.438 (36.53)
13	22	.750 (19.05)	.637 (16.18)	1.312 (33.32)	1.375 (34.93)	1.375-18 UNEF	1.094 (27.79)	.479 (12.17)	1.562 (39.67)
14	22	.900 (22.86)	.787 (19.99)	1.312 (33.32)	1.375 (34.93)	1.375-18 UNEF	1.094 (27.79)	.479 (12.17)	1.562 (39.67)

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	3.365 (85.47)	1.062 (26.97)	.621 (15.77)	.875-0.1P-0.2L-DS	1.094 (27.79)	.765 (19.43)	5.00 (127.00)
2	12	3.365 (85.47)	1.062 (26.97)	.621 (15.77)	.875-0.1P-0.2L-DS	1.094 (27.79)	.765 (19.43)	5.00 (127.00)
3	14	3.678 (93.42)	1.125 (28.58)	.871 (22.12)	1.000-0.1P-0.2L-DS	1.219 (30.96)	.765 (19.43)	5.00 (127.00)
4	16	4.177 (106.10)	1.375 (34.93)	1.121 (28.47)	1.125-0.1P-0.2L-DS	1.344 (34.14)	.980 (24.89)	5.00 (127.00)
5	16	4.177 (106.10)	1.375 (34.93)	1.121 (28.47)	1.125-0.1P-0.2L-DS	1.344 (34.14)	.980 (24.89)	5.00 (127.00)
6	16	4.177 (106.10)	1.375 (34.93)	1.121 (28.47)	1.125-0.1P-0.2L-DS	1.344 (34.14)	.980 (24.89)	5.00 (127.00)
7	18	4.489 (114.02)	1.562 (39.67)	1.121 (28.47)	1.250-0.1P-0.2L-DS	1.469 (37.31)	.980 (24.89)	5.00 (127.00)
8	18	4.489 (114.02)	1.562 (39.67)	1.371 (34.82)	1.250-0.1P-0.2L-DS	1.469 (37.31)	.980 (24.89)	5.00 (127.00)
9	18	4.489 (114.02)	1.562 (39.67)	1.371 (34.82)	1.250-0.1P-0.2L-DS	1.469 (37.31)	.980 (24.89)	5.00 (127.00)
10	18	4.489 (114.02)	1.562 (39.67)	1.371 (34.82)	1.250-0.1P-0.2L-DS	1.469 (37.31)	.980 (24.89)	5.00 (127.00)
11	20	4.615 (117.22)	1.688 (42.88)	1.371 (34.82)	1.375-0.1P-0.2L-DS	1.562 (39.67)	.980 (24.89)	5.00 (127.00)
12	20	4.615 (117.22)	1.688 (42.88)	1.371 (34.82)	1.375-0.1P-0.2L-DS	1.562 (39.67)	.980 (24.89)	5.00 (127.00)
13	22	4.647 (118.03)	1.812 (46.02)	1.371 (34.82)	1.500-0.1P-0.2L-DS	1.688 (42.88)	.980 (24.89)	6.00 (152.40)
14	22	4.647 (118.03)	1.812 (46.02)	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

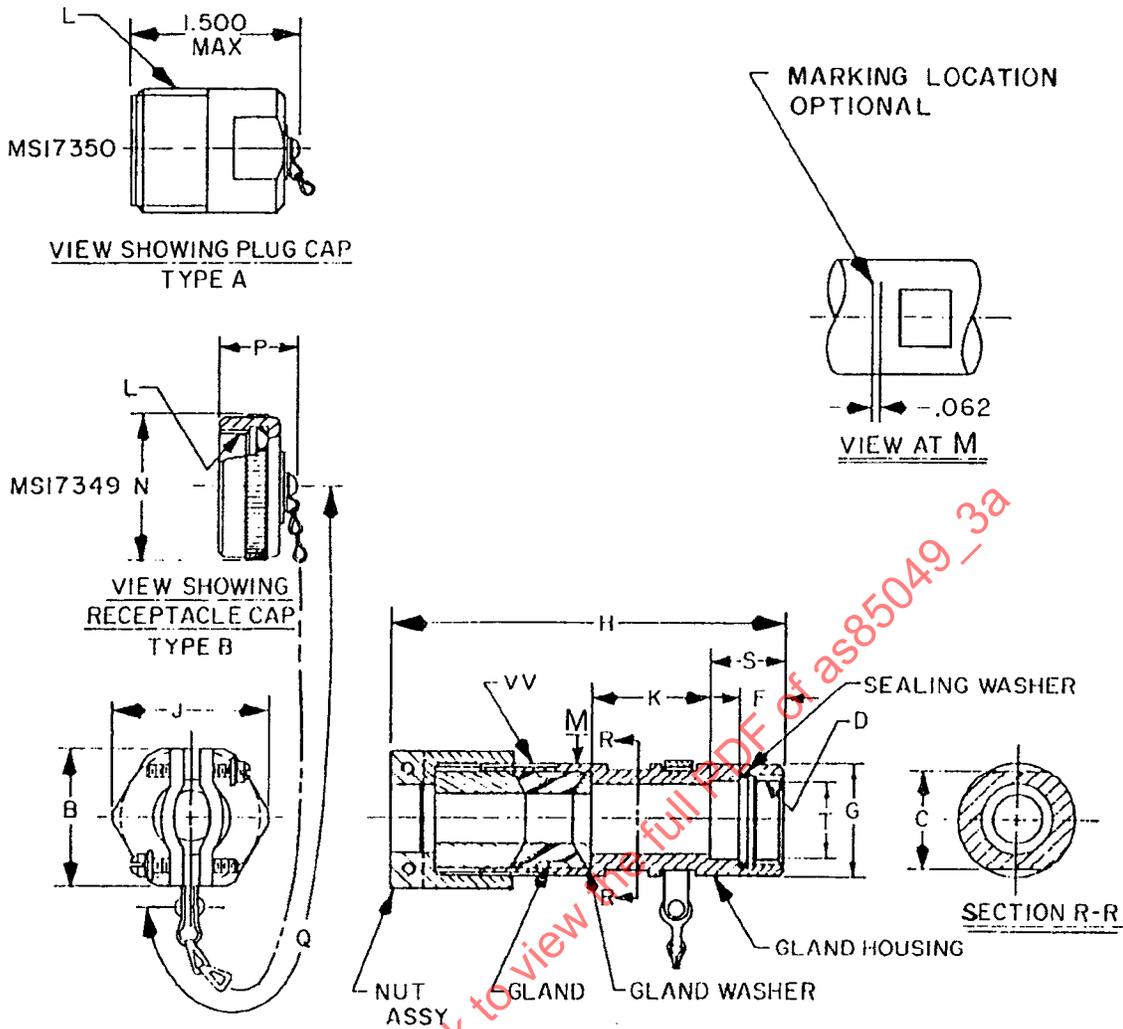
FIGURE 1, TABLE 1 - CONFIGURATIONS AND DIMENSIONS - CONTINUED

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 -.000	G DIA +.010 -.020
		MAX	MIN						
15	22	.805 (20.45)	.692 (17.58)	1.312 (33.32)	1.375 (34.93)	1.375-18 UNEF	1.094 (27.79)	.479 (12.17)	1.562 (39.67)
16	24	1.055 (26.80)	.930 (23.62)	1.546 (39.27)	1.625 (41.28)	1.625-18 UNEF	1.281 (32.54)	.479 (12.17)	1.812 (46.02)
17	24	1.000 (25.40)	.675 (17.15)	1.546 (39.27)	1.625 (41.28)	1.625-18 UNEF	1.281 (32.54)	.479 (12.17)	1.812 (46.02)
18	24	1.109 (28.17)	.984 (24.99)	1.546 (39.27)	1.625 (41.28)	1.625-18 UNEF	1.281 (32.54)	.479 (12.17)	1.812 (46.02)
19	24	.880 (22.35)	.755 (19.18)	1.546 (39.27)	1.625 (41.28)	1.625-18 UNEF	1.281 (32.54)	.479 (12.17)	1.812 (46.02)
20	28	1.180 (29.97)	1.055 (26.80)	1.780 (45.21)	1.875 (47.63)	1.875-16 UN	1.281 (32.54)	.479 (12.17)	2.062 (52.37)
21	28	1.230 (31.24)	1.105 (28.07)	1.780 (45.21)	1.875 (47.63)	1.875-16 UN	1.281 (32.54)	.479 (12.17)	2.062 (52.37)
22	28	1.310 (33.27)	1.185 (30.10)	1.780 (45.21)	1.875 (47.63)	1.875-16 UN	1.281 (32.54)	.479 (12.17)	2.062 (52.37)
23	32	1.455 (36.96)	1.320 (33.53)	2.000 (50.80)	2.062 (52.37)	2.062-16 UNS	1.281 (32.54)	.479 (12.17)	2.312 (58.72)
24	32	1.531 (38.89)	1.406 (35.71)	2.000 (50.80)	2.062 (52.37)	2.062-16 UNS	1.281 (32.54)	.479 (12.17)	2.312 (58.72)
25	32	1.375 (34.93)	1.250 (31.75)	2.000 (50.80)	2.062 (52.37)	2.062-16 UNS	1.281 (32.54)	.479 (12.17)	2.312 (58.72)
26	36	1.656 (42.06)	1.531 (38.89)	2.250 (57.15)	2.312 (58.72)	2.312-16 UNS	1.281 (32.54)	.479 (12.17)	2.562 (65.07)
27	36	1.562 (39.67)	1.437 (36.50)	2.250 (57.15)	2.312 (58.72)	2.312-16 UNS	1.281 (32.54)	.479 (12.17)	2.562 (65.07)
28	44	2.250 (57.15)	2.105 (53.47)	2.875 (73.03)	2.750 (69.85)	2.875-16 UN	1.382 (35.10)	.667 (16.94)	3.125 (79.38)
29	44	2.170 (55.12)	2.025 (51.44)	2.875 (73.03)	2.750 (69.85)	2.875-16 UN	1.382 (35.10)	.667 (16.94)	3.125 (79.38)

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	22	4.647 (118.03)	1.812 (46.02)	1.371 (34.82)	1.500-0.1P-0.2L-DS	1.688 (42.88)	.980 (24.89)	6.00 (152.40)
16	24	4.896 (124.36)	2.125 (53.98)	1.371 (34.82)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
17	24	4.896 (124.36)	2.125 (53.98)	1.371 (34.82)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
18	24	4.896 (124.36)	2.125 (53.98)	1.371 (34.82)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
19	24	4.896 (124.36)	2.125 (53.98)	1.371 (34.82)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
20	28	4.959 (125.96)	2.469 (62.71)	1.372 (34.85)	2.000-0.1P-0.2L-DS	2.219 (56.36)	.980 (24.89)	6.00 (152.40)
21	28	4.959 (125.96)	2.469 (62.71)	1.372 (34.85)	2.000-0.1P-0.2L-DS	2.219 (56.36)	.980 (24.89)	6.00 (152.40)
22	28	4.959 (125.96)	2.469 (62.71)	1.372 (34.85)	2.000-0.1P-0.2L-DS	2.219 (56.36)	.980 (24.89)	6.00 (152.40)
23	32	5.021 (127.53)	2.625 (66.68)	1.371 (34.82)	2.250-0.1P-0.2L-DS	2.469 (62.71)	.980 (24.89)	6.00 (152.40)
24	32	5.021 (127.53)	2.625 (66.68)	1.371 (34.82)	2.250-0.1P-0.2L-DS	2.469 (62.71)	.980 (24.89)	6.00 (152.40)
25	32	5.021 (127.53)	2.625 (66.68)	1.371 (34.82)	2.250-0.1P-0.2L-DS	2.469 (62.71)	.980 (24.89)	6.00 (152.40)
26	36	5.083 (129.11)	2.953 (75.01)	1.370 (34.80)	2.500-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)
27	36	5.083 (129.11)	2.953 (75.01)	1.370 (34.80)	2.500-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)
28	44	6.471 (164.36)	3.500 (88.90)	2.218 (56.34)	3.000-0.1P-0.2L-DS	3.217 (81.71)	.980 (24.89)	6.00 (152.40)
29	44	6.471 (164.36)	3.500 (88.90)	2.218 (56.34)	3.000-0.1P-0.2L-DS	3.217 (81.71)	.980 (24.89)	6.00 (152.40)

CONFIGURATION A - STYLE 1 CABLE SEALING - CONTINUED

FIGURE 1, TABLE 1 - CONFIGURATIONS AND DIMENSIONS - CONTINUED



CONFIGURATION B - STYLE 2 CABLE SEALING

FIGURE 1 - CONFIGURATIONS AND DIMENSIONS - CONTINUED

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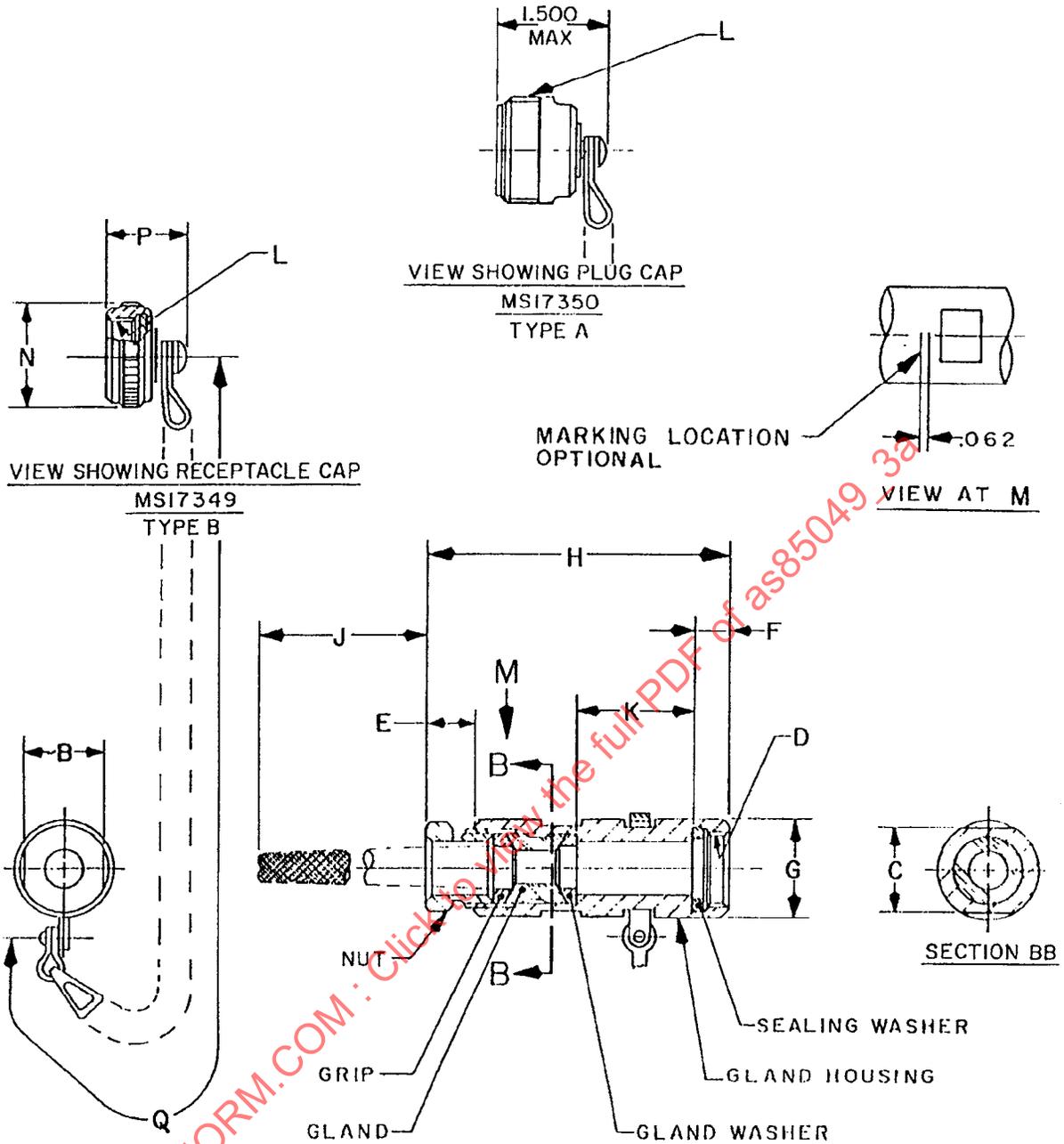
 An SAE International Group	AEROSPACE STANDARD	SAE AS85049/3 SHEET 4 OF 10	REV. A
	(R) CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, CABLE SEALING, STRAIGHT, CATEGORY 1A (FOR MIL-DTL-22992 CONNECTORS, CLASSES C, J, AND R)		

SIZE NO.	SHELL SIZE	CABLE RANGE (SEE NOTE 5)		B ± .005	C +.000 -.010	D THREAD CLASS 2B-LH	F +.016 -.000	G DIA +.010 -.020	H MAX	J MAX	K ± .010
		MAX	MIN								
1	12	.396 (10.06)	.246 (6.25)	1.094 (27.79)	.812 (20.62)	.750-20 UNEF	.479 (12.17)	.938 (23.83)	4.000 (101.60)	1.110 (28.19)	.950 (24.13)
2	14	.521 (13.23)	.321 (8.15)	1.129 (28.68)	.938 (23.83)	.875-20 UNEF	.479 (12.17)	1.062 (26.97)	4.100 (104.14)	1.320 (33.53)	1.075 (27.31)
3	16	.646 (16.41)	.446 (11.33)	1.344 (34.14)	1.062 (26.97)	1.000-20 UNEF	.479 (12.17)	1.188 (30.18)	4.400 (111.76)	1.420 (36.07)	1.200 (30.48)
4	18	.765 (19.43)	.565 (14.35)	1.469 (37.31)	1.125 (28.58)	1.125-18 UNEF	.479 (12.17)	1.312 (33.32)	4.900 (124.46)	1.600 (40.64)	1.325 (33.66)
5	20	.890 (22.61)	.690 (17.53)	1.625 (41.28)	1.250 (31.75)	1.250-18 UNEF	.479 (12.17)	1.438 (36.53)	4.900 (124.46)	1.750 (44.45)	1.325 (33.66)
6	22	1.015 (25.78)	.815 (20.70)	1.750 (44.45)	1.375 (34.93)	1.375-18 UNEF	.479 (12.17)	1.562 (39.67)	4.900 (124.46)	1.900 (48.26)	1.325 (33.66)
7	24	1.180 (29.97)	.980 (24.89)	2.000 (50.80)	1.625 (41.28)	1.625-18 UNEF	.479 (12.17)	1.812 (46.02)	5.000 (127.00)	2.190 (55.63)	1.450 (36.83)
8	28	1.430 (36.32)	1.230 (31.24)	2.250 (57.15)	1.875 (47.63)	1.875-18 UN	.479 (12.17)	1.812 (46.02)	5.300 (134.62)	2.475 (62.87)	1.700 (43.18)
9	28	1.230 (31.24)	1.030 (26.16)	2.250 (57.15)	1.875 (47.63)	1.875-18 UN	.479 (12.17)	2.062 (52.37)	5.300 (134.62)	2.475 (62.87)	1.700 (43.18)
10	32	1.670 (42.42)	1.430 (36.32)	2.500 (63.50)	2.062 (52.37)	2.062-16 UN	.479 (12.17)	2.312 (58.72)	5.600 (142.24)	2.715 (68.96)	1.950 (49.53)
11	36	1.860 (47.24)	1.660 (22.23)	2.750 (69.85)	2.312 (58.72)	2.312-16 UN	.479 (12.17)	2.562 (65.07)	5.600 (142.24)	2.900 (73.66)	1.950 (49.53)
12	40	2.110 (53.59)	1.860 (47.24)	3.062 (77.77)	2.562 (65.07)	2.625-16 UN	.667 (16.94)	2.875 (73.03)	5.725 (145.42)	3.250 (82.55)	1.950 (49.53)

SIZE NO.	SHELL SIZE	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	.875-0.1P-0.2L-DS	1.094 (27.79)	.765 (19.43)	5.00 (127.00)	1.425 (36.20)	.600 (15.24)	.9375-20 UNEF
2	14	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)	1.062-18 UNEF
3	16	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)	1.187-18 UNEF
4	18	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)	1.312-18 UNEF
5	20	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)	1.437-18 UNEF
6	22	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)	1.562-18 UNEF
7	24	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)	1.812-16 UN
8	28	1.750-0.1P-0.2L-DS	2.219 (56.36)	.980 (24.89)	6.00 (152.40)	1.605 (40.77)	1.713 (43.51)	2.062-16 UN
9	28	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)	2.062-16 UN
10	32	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)	2.312-16 UN
11	36	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)	2.500-16 UN
12	40	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)	2.875-16 UN

CONFIGURATION B - STYLE 2 CABLE SEALING - CONTINUED

FIGURE 1, TABLE 2 - CONFIGURATIONS AND DIMENSIONS - CONTINUED



CONFIGURATION C. STYLE 3 CABLE SEALING AND GRIPPING
 FIGURE 1 - CONFIGURATIONS AND DIMENSIONS - CONTINUED

 An SAE International Group	AEROSPACE STANDARD	SAE AS85049/3 SHEET 6 OF 10	REV. A
	(R) CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, CABLE SEALING, STRAIGHT, CATEGORY 1A (FOR MIL-DTL-22992 CONNECTORS, CLASSES C, J, AND R)		

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 -.000	G DIA +.010 -.020
		MAX	MIN						
1	12	.377 (9.58)	.281 (7.14)	.750 (19.05)	.812 (20.62)	.750-20 UNEF	.539 (13.69)	.479 (12.17)	.938 (23.83)
2	12	.281 (7.14)	.219 (5.56)	.750 (19.05)	.812 (20.62)	.750-20 UNEF	.539 (13.69)	.479 (12.17)	.938 (23.83)
3	14	.438 (11.13)	.400 (10.16)	.875 (22.23)	.938 (23.83)	.875-20 UNEF	.539 (13.69)	.479 (12.17)	1.062 (26.97)
4	16	.605 (15.37)	.511 (12.98)	1.000 (25.40)	1.062 (26.97)	1.000-20 UNEF	.597 (15.16)	.479 (12.17)	1.188 (30.18)
5	16	.530 (13.46)	.436 (11.07)	1.000 (25.40)	1.062 (26.97)	1.000-20 UNEF	.597 (15.16)	.479 (12.17)	1.188 (30.18)
6	16	.405 (10.29)	.316 (8.03)	1.000 (25.40)	1.062 (26.97)	1.000-20 UNEF	.597 (15.16)	.479 (12.17)	1.188 (30.18)
7	18	.699 (17.75)	.605 (15.37)	1.062 (26.97)	1.125 (28.58)	1.125-18 UNEF	.597 (15.16)	.479 (12.17)	1.312 (33.32)
8	18	.625 (15.88)	.560 (14.22)	1.062 (26.97)	1.125 (28.58)	1.125-18 UNEF	.597 (15.16)	.479 (12.17)	1.312 (33.32)
9	18	.455 (11.56)	.361 (9.17)	1.062 (26.97)	1.125 (28.58)	1.125-18 UNEF	.597 (15.16)	.479 (12.17)	1.312 (33.32)
10	20	.828 (21.03)	.715 (18.16)	1.125 (28.58)	1.250 (31.75)	1.250-18 UNEF	.625 (15.88)	.479 (12.17)	1.438 (36.53)
11	20	.562 (14.27)	.449 (11.40)	1.125 (28.58)	1.250 (31.75)	1.250-18 UNEF	.625 (15.88)	.479 (12.17)	1.438 (36.53)
12	22	.900 (22.86)	.787 (19.99)	1.250 (31.75)	1.375 (34.93)	1.375-18 UNEF	.597 (15.16)	.479 (12.17)	1.562 (39.67)
13	22	.750 (19.05)	.637 (16.18)	1.250 (31.75)	1.375 (34.93)	1.375-18 UNEF	.597 (15.16)	.479 (12.17)	1.562 (39.67)
14	24	1.109 (28.17)	.984 (24.99)	1.500 (38.10)	1.625 (41.28)	1.625-18 UNEF	.597 (15.16)	.479 (12.17)	1.812 (46.02)
15	24	1.000 (25.40)	.875 (22.23)	1.500 (38.10)	1.625 (41.28)	1.625-18 UNEF	.597 (15.16)	.479 (12.17)	1.812 (46.02)
16	24	.880 (22.35)	.755 (19.18)	1.500 (38.10)	1.625 (41.28)	1.625-18 UNEF	.597 (15.16)	.479 (12.17)	1.812 (46.02)
17	28	1.310 (33.27)	1.185 (30.10)	1.750 (44.45)	1.875 (47.63)	1.875-16 UN	.597 (15.16)	.479 (12.17)	2.062 (52.37)
18	28	1.230 (31.24)	1.105 (28.07)	1.750 (44.45)	1.875 (47.63)	1.875-16 UN	.597 (15.16)	.479 (12.17)	2.062 (52.37)
19	28	1.180 (29.97)	1.055 (26.80)	1.750 (44.45)	1.875 (47.63)	1.875-16 UN	.597 (15.16)	.479 (12.17)	2.062 (52.37)
20	32	1.531 (38.89)	1.406 (35.71)	2.000 (50.80)	2.062 (52.37)	2.062-16 UNS	.597 (15.16)	.479 (12.17)	2.312 (58.72)
21	32	1.445 (36.70)	1.320 (33.53)	2.000 (50.80)	2.062 (52.37)	2.062-16 UNS	.597 (15.16)	.479 (12.17)	2.312 (58.72)
22	32	1.375 (34.93)	1.250 (31.75)	2.000 (50.80)	2.062 (52.37)	2.062-16 UNS	.597 (15.16)	.479 (12.17)	2.312 (58.72)
23	36	1.656 (42.06)	1.531 (38.89)	2.250 (57.15)	2.312 (58.72)	2.312-16 UNS	.597 (15.16)	.479 (12.17)	2.562 (65.07)
24	36	1.562 (39.67)	1.437 (36.50)	2.250 (57.15)	2.312 (58.72)	2.312-16 UNS	.597 (15.16)	.479 (12.17)	2.562 (65.07)
25	44	2.250 (57.15)	2.105 (53.48)	2.750 (69.85)	2.750 (69.85)	2.875-16 UN	.710 (18.03)	.667 (16.94)	3.125 (79.38)
26	44	2.170 (55.12)	2.025 (51.44)	2.750 (69.85)	2.750 (69.85)	2.875-16 UN	.710 (18.03)	.667 (16.94)	3.125 (79.38)

CONFIGURATION C - STYLE 3 CABLE SEALING AND GRIPPING - CONTINUED

FIGURE 1, TABLE 3 - CONFIGURATIONS AND DIMENSIONS - CONTINUED

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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	2.935 (74.55)	3.344 (84.94)	.621 (15.77)	.875-0.1P-0.2L-DS	1.094 (27.79)	.765 (19.43)	5.00 (127.00)
2	12	2.935 (74.55)	1.062 (26.97)	.621 (15.77)	.875-0.1P-0.2L-DS	1.094 (27.79)	.765 (19.43)	5.00 (127.00)
3	14	3.248 (82.50)	4.344 (110.34)	.871 (22.12)	1.000-0.1P-0.2L-DS	1.219 (30.96)	.765 (19.43)	5.00 (127.00)
4	16	3.712 (94.28)	5.188 (131.78)	1.121 (28.47)	1.125-0.1P-0.2L-DS	1.344 (34.14)	.980 (24.89)	5.00 (127.00)
5	16	3.712 (94.28)	4.688 (119.08)	1.121 (28.47)	1.125-0.1P-0.2L-DS	1.344 (34.14)	.980 (24.89)	5.00 (127.00)
6	16	3.712 (94.28)	3.688 (93.68)	1.121 (28.47)	1.125-0.1P-0.2L-DS	1.344 (34.14)	.980 (24.89)	5.00 (127.00)
7	18	4.024 (102.21)	6.188 (157.18)	1.371 (34.82)	1.250-0.1P-0.2L-DS	1.469 (37.31)	.980 (24.89)	5.00 (127.00)
8	18	4.024 (102.21)	6.188 (157.18)	1.371 (34.82)	1.250-0.1P-0.2L-DS	1.469 (37.31)	.980 (24.89)	5.00 (127.00)
9	18	4.024 (102.21)	4.188 (106.38)	1.371 (34.82)	1.250-0.1P-0.2L-DS	1.469 (37.31)	.980 (24.89)	5.00 (127.00)
10	20	4.115 (104.52)	6.688 (169.88)	1.371 (34.82)	1.375-0.1P-0.2L-DS	1.562 (39.67)	.980 (24.89)	5.00 (127.00)
11	20	4.115 (104.52)	5.188 (131.78)	1.371 (34.82)	1.375-0.1P-0.2L-DS	1.562 (39.67)	.980 (24.89)	5.00 (127.00)
12	22	4.150 (105.41)	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)
13	22	4.150 (105.41)	6.688 (169.88)	1.371 (34.82)	1.500-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
14	24	4.212 (106.98)	7.688 (195.28)	1.371 (34.82)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
15	24	4.212 (106.98)	7.188 (182.58)	1.371 (34.82)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
16	24	4.212 (106.98)	6.688 (169.88)	1.371 (34.82)	1.750-0.1P-0.2L-DS	1.938 (49.23)	.980 (24.89)	6.00 (152.40)
17	28	4.275 (108.59)	8.688 (220.68)	1.372 (34.85)	2.000-0.1P-0.2L-DS	2.219 (56.36)	.980 (24.89)	6.00 (152.40)
18	28	4.275 (108.59)	8.188 (207.98)	1.372 (34.85)	2.000-0.1P-0.2L-DS	2.219 (56.36)	.980 (24.89)	6.00 (152.40)
19	28	4.275 (108.59)	8.188 (207.98)	1.372 (34.85)	2.000-0.1P-0.2L-DS	2.219 (56.36)	.980 (24.89)	6.00 (152.40)
20	32	4.337 (110.16)	10.688 (271.48)	1.371 (34.82)	2.250-0.1P-0.2L-DS	2.469 (62.71)	.980 (24.89)	6.00 (152.40)
21	32	4.337 (110.16)	9.688 (246.08)	1.371 (34.82)	2.250-0.1P-0.2L-DS	2.469 (62.71)	.980 (24.89)	6.00 (152.40)
22	32	4.337 (110.16)	9.688 (246.08)	1.371 (34.82)	2.250-0.1P-0.2L-DS	2.469 (62.71)	.980 (24.89)	6.00 (152.40)
23	36	4.399 (111.73)	12.688 (322.28)	1.370 (34.80)	2.500-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)
24	36	4.399 (111.73)	11.188 (284.18)	1.370 (34.80)	2.500-0.1P-0.2L-DS	2.719 (69.06)	.980 (24.89)	6.00 (152.40)
25	44	5.799 (147.29)	17.188 (436.58)	2.218 (56.34)	3.000-0.1P-0.2L-DS	3.217 (81.71)	.980 (24.89)	6.00 (152.40)
26	44	5.799 (147.29)	17.188 (436.58)	2.218 (56.34)	3.000-0.1P-0.2L-DS	3.217 (81.71)	.980 (24.89)	6.00 (152.40)

CONFIGURATION C - STYLE 3 CABLE SEALING AND GRIPPING - CONTINUED

FIGURE 1, TABLE 3 - CONFIGURATIONS AND DIMENSIONS - CONTINUED

NOTES

- DIMENSIONS ARE IN INCHES.
- METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY.
- UNLESS OTHERWISE SPECIFIED, TOLERANCE IS *.016 (0.41 MM).
- 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.

	AEROSPACE STANDARD	SAE AS85049/3 SHEET 8 OF 10	REV. A
	(R) CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, CABLE SEALING, STRAIGHT, CATEGORY 1A (FOR MIL-DTL-22992 CONNECTORS, CLASSES C, J, AND R)		