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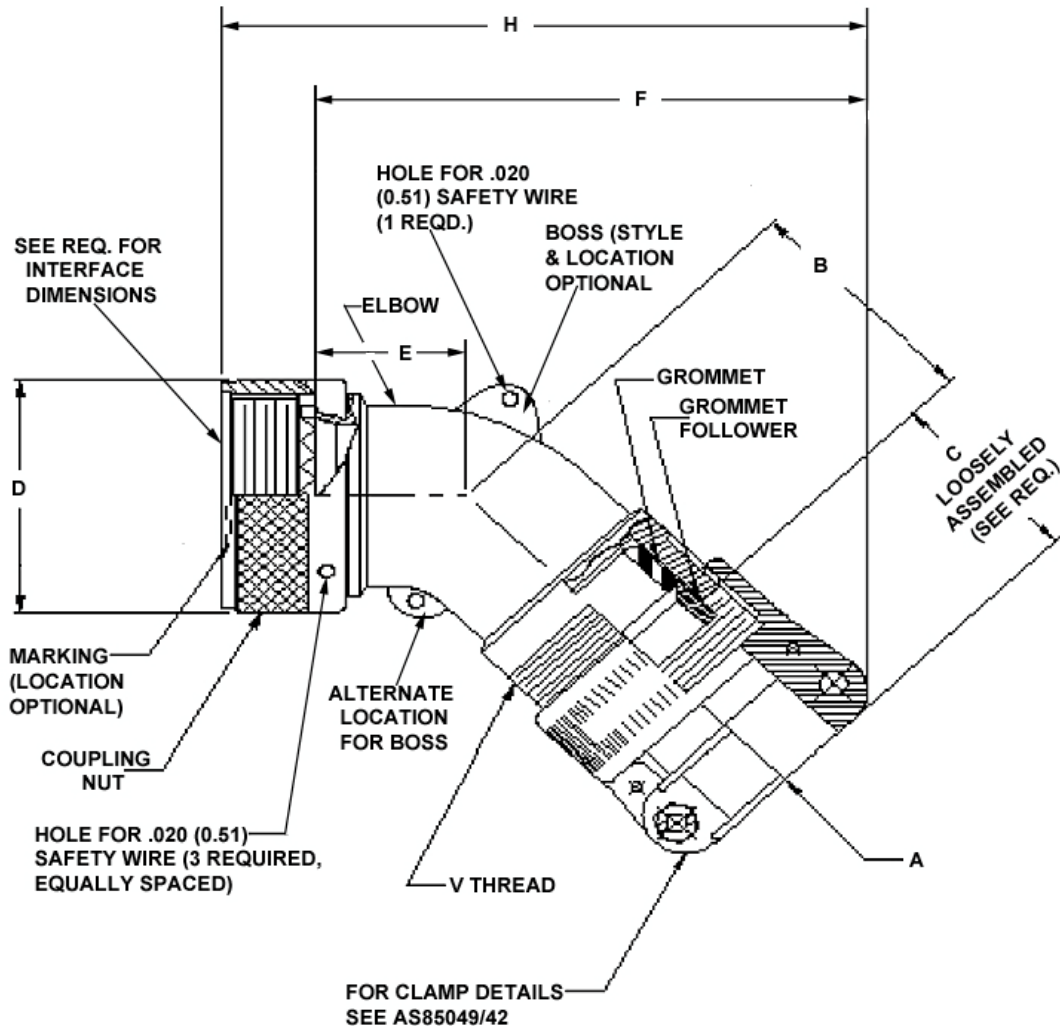
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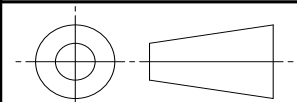


STYLE 1

FIGURE 1 - ACCESSORY CONFIGURATION AND DIMENSIONS

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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL,
ENVIRONMENTAL, CABLE SEALING, 45°, CATEGORY 1A
(FOR AS50151 CRIMP, AS95234, MIL-DTL-26482 SERIES 2, AS81703
SERIES 3, AND MIL-DTL-83723 SERIES III CONNECTORS)

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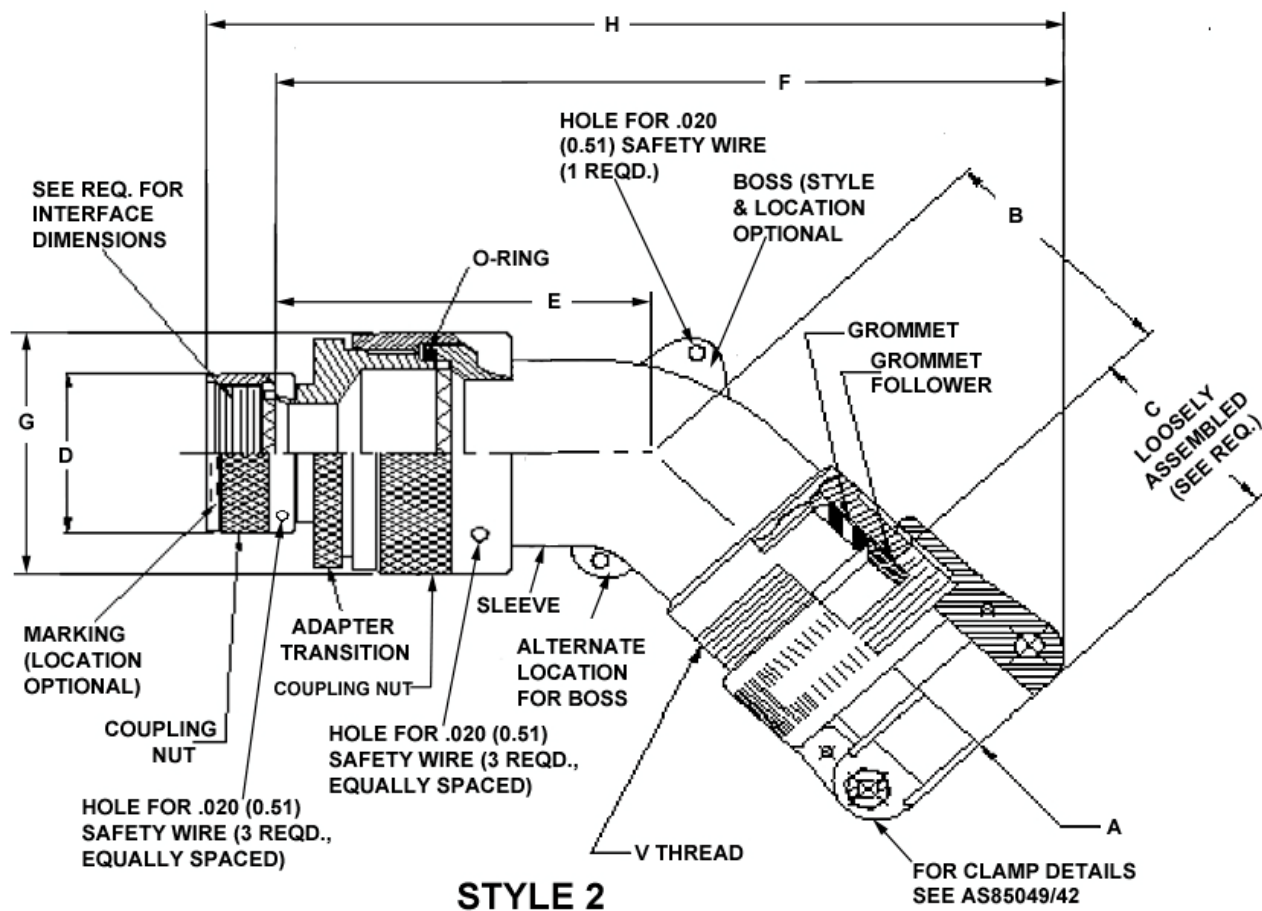


FIGURE 1 - CONFIGURATION AND DIMENSIONS (CONTINUED)

TABLE 1 - DIMENSIONS

DASH NO.	CONNECTOR SHELL SIZE				CLAMP SIZE	A WIRE BUNDLE ACCOMMODATION RANGE (SEE REQ 1)		STYLE	B DIM ±.125 (±3.2)	C REF
	AS81703 SERIES 3	MIL-DTL- 26482 SERIES 2	AS50151 CRIMP, AS95234	MIL-DTL- 83723 SERIES III		MIN	MAX			
1	3	--	--	--	4	.125 (3.18)	.250 (6.35)	1	1.790 (45.47)	1.027 (26.09)
2	3	--	--	--	6	.250 (6.35)	.437 (11.10)	2	1.910 (48.51)	1.027 (26.09)
3	--	8	8S	8	4	.125 (3.18)	.250 (6.35)	1	1.182 (30.02)	1.027 (26.09)
4	--	10	10S, 10SL	10	4	.125 (3.18)	.312 (7.92)	1	1.850 (46.99)	1.027 (26.09)
5	--	10	10S, 10SL	10	6	.250 (6.35)	.375 (9.53)	1	1.245 (31.62)	1.027 (26.09)
6	7	12	12, 12S	12	4	.125 (3.18)	.312 (7.92)	1	1.910 (48.51)	1.027 (26.09)
7	7	12	12, 12S	12	6	.250 (6.35)	.437 (11.10)	1	1.910 (48.51)	1.027 (26.09)
8	7	12	12, 12S	12	10	.350 (8.89)	.500 (12.70)	1	1.910 (48.51)	1.027 (26.09)
9	12	14	14, 14S	14	6	.250 (6.35)	.437 (11.10)	1	2.000 (50.80)	1.027 (26.09)
10	12	14	14, 14S	14	10	.350 (8.89)	.575 (14.61)	1	1.655 (42.04)	1.027 (26.09)
11	19	16	16, 16S	16	6	.250 (6.35)	.437 (11.10)	1	2.110 (53.59)	1.027 (26.09)
12	19	16	16, 16S	16	12	.500 (12.70)	.700 (17.78)	1	1.750 (44.45)	1.059 (26.90)
13	27	18	18	18	10	.350 (8.89)	.625 (15.88)	1	2.300 (58.42)	1.027 (26.09)
14	27	18	18	18	16	.625 (15.88)	.779 (19.79)	1	1.938 (49.23)	1.156 (29.36)
15	37	20	20	20	10	.350 (8.89)	.625 (15.88)	1	2.300 (58.42)	1.027 (26.09)
16	37	20	20	20	16	.625 (15.88)	.904 (22.96)	1	1.938 (49.23)	1.156 (29.36)



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 SERIES 3, AND MIL-DTL-83723 SERIES III CONNECTORS)

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TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	D DIA MAX	E DIM ±.125 (±3.2)	V THREAD CLASS 2A	F MAX	G DIA MAX	H MAX
1	.669 (16.99)	.561 (14.25)	.625-24 UNEF	3.37 (85.60)	--	3.74 (95.00)
2	.669 (16.99)	1.375 (34.93)	.750-20 UNEF	4.33 (109.98)	.858 (21.79)	4.70 (119.38)
3	.617 (15.67)	.500 (12.70)	.625-24 UNEF	2.88 (73.15)	--	3.25 (82.55)
4	.734 (18.64)	.561 (14.25)	.625-24 UNEF	3.41 (86.61)	--	3.78 (96.01)
5	.734 (18.64)	.561 (14.25)	.750-20 UNEF	3.05 (77.47)	--	3.42 (86.87)
6	.858 (21.79)	.625 (15.88)	.625-24 UNEF	3.52 (89.41)	--	3.89 (98.81)
7	.858 (21.79)	.625 (15.88)	.750-20 UNEF	3.58 (90.93)	--	3.95 (100.33)
8	.858 (21.79)	.625 (15.88)	1.000-20 UNEF	3.86 (98.04)	--	4.23 (107.44)
9	.984 (24.99)	.688 (17.48)	.750-20 UNEF	3.71 (94.23)	--	4.08 (103.63)
10	.984 (24.99)	.688 (17.48)	1.000-20 UNEF	3.74 (95.00)	--	4.11 (104.39)
11	1.112 (28.24)	.781 (19.84)	.750-20 UNEF	3.88 (98.55)	--	4.25 (107.95)
12	1.112 (28.24)	.781 (19.84)	1.1875-18 UNEF	4.03 (102.36)	--	4.40 (111.76)
13	1.218 (30.94)	.968 (24.59)	1.000-20 UNEF	4.48 (113.79)	--	4.85 (123.19)
14	1.218 (30.94)	.968 (24.59)	1.4375-18 UNEF	4.49 (114.05)	--	4.86 (123.44)
15	1.345 (34.16)	.968 (24.59)	1.000-20 UNEF	4.48 (113.79)	--	4.85 (123.19)
16	1.345 (34.16)	.968 (24.59)	1.4375-18 UNEF	4.49 (114.05)	--	4.86 (123.44)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	CONNECTOR SHELL SIZE				CLAMP SIZE	A WIRE BUNDLE ACCOMMODATION RANGE (SEE REQ 1)		STYLE	B DIM ±.125 (±3.2)	C REF
	AS81703 SERIES 3	MIL-DTL-26482 SERIES 2	AS50151 CRIMP, AS95234	MIL-DTL-83723 SERIES III		MIN	MAX			
17	--	22	22	22	12	.500 (12.70)	.750 (19.05)	1	2.450 (62.23)	1.059 (26.90)
18	--	22	22	22	20	.875 (22.23)	1.029 (26.14)	1	2.093 (53.16)	1.375 (34.93)
19	--	24	24	24	12	.500 (12.70)	.750 (19.05)	1	2.450 (62.23)	1.059 (26.90)
20	--	24	24	24	20	.875 (22.23)	1.144 (29.06)	1	2.093 (53.16)	1.375 (34.93)
21	--	--	28	--	16	.625 (15.88)	.937 (23.80)	1	2.500 (63.50)	1.156 (29.36)
22	--	--	28	--	24	1.000 (25.40)	1.375 (34.93)	1	2.156 (54.76)	1.500 (38.10)
23	--	--	32	--	16	.625 (15.88)	.937 (23.80)	1	2.600 (66.04)	1.156 (29.36)
24	--	--	32	--	20	.875 (22.23)	1.250 (31.75)	1	2.600 (66.04)	1.375 (34.93)
25	--	--	32	--	28	1.250 (31.75)	1.625 (41.28)	1	2.250 (57.15)	1.781 (45.24)
26	--	--	36	--	16	.625 (15.88)	.937 (23.80)	1	2.690 (68.33)	1.156 (29.36)
27	--	--	36	--	24	1.000 (25.40)	1.375 (34.93)	1	2.690 (68.33)	1.500 (38.10)
28	--	--	36	--	32	1.437 (36.50)	1.840 (46.74)	1	2.344 (59.54)	1.830 (46.48)
29	--	--	40	--	16	.625 (15.88)	.937 (23.80)	1	2.690 (68.33)	1.156 (29.36)
30	--	--	40	--	24	1.000 (25.40)	1.375 (34.93)	1	2.690 (68.33)	1.500 (38.10)
31	--	--	40	--	32	1.437 (36.50)	1.875 (47.63)	1	2.344 (59.54)	1.830 (46.48)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	D DIA MAX	E DIM ±.125 (±3.2)	V THREAD CLASS 2A	F MAX	G DIA MAX	H MAX
17	1.468 (37.29)	1.063 (27.00)	1.1875-18 UNEF	4.81 (122.17)	--	5.18 (131.57)
18	1.468 (37.29)	1.063 (27.00)	1.750-18 UNS	4.98 (126.49)	--	5.35 (135.89)
19	1.593 (40.46)	1.063 (27.00)	1.1875-18 UNEF	4.81 (122.17)	--	5.18 (131.57)
20	1.593 (40.46)	1.063 (27.00)	1.750-18 UNS	4.98 (126.49)	--	5.35 (135.89)
21	1.969 (50.01)	1.188 (30.18)	1.4375-18 UNEF	5.11 (129.79)	--	5.64 (143.26)
22	1.969 (50.01)	1.188 (30.18)	2.000-18 UNS	5.09 (129.29)	--	5.62 (142.75)
23	2.219 (56.36)	1.250 (31.75)	1.4375-18 UNEF	5.24 (133.10)	--	5.77 (146.56)
24	2.219 (56.36)	1.250 (31.75)	1.750-18 UNS	5.52 (140.21)	--	6.05 (153.67)
25	2.219 (56.36)	1.250 (31.75)	2.250-16 UN	5.73 (145.54)	--	6.26 (159.00)
26	2.469 (62.71)	1.281 (32.54)	1.4375-18 UNEF	5.33 (135.38)	--	5.86 (148.84)
27	2.469 (62.71)	1.281 (32.54)	2.000-18 UNS	5.56 (141.22)	--	6.09 (154.69)
28	2.469 (62.71)	1.281 (32.54)	2.500-16 UN	5.95 (151.13)	--	6.48 (164.59)
29	2.719 (69.06)	2.031 (51.59)	1.4375-18 UNEF	6.08 (154.43)	--	6.61 (167.89)
30	2.719 (69.06)	2.031 (51.59)	2.000-18 UNS	6.31 (160.27)	--	6.84 (173.74)
31	2.719 (69.06)	2.031 (51.59)	2.500-16 UN	6.70 (170.18)	--	7.23 (183.64)



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