

REV. A

SAE AS85049/25

FEDERAL SUPPLY CLASS
5935

RATIONALE

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NOTICE

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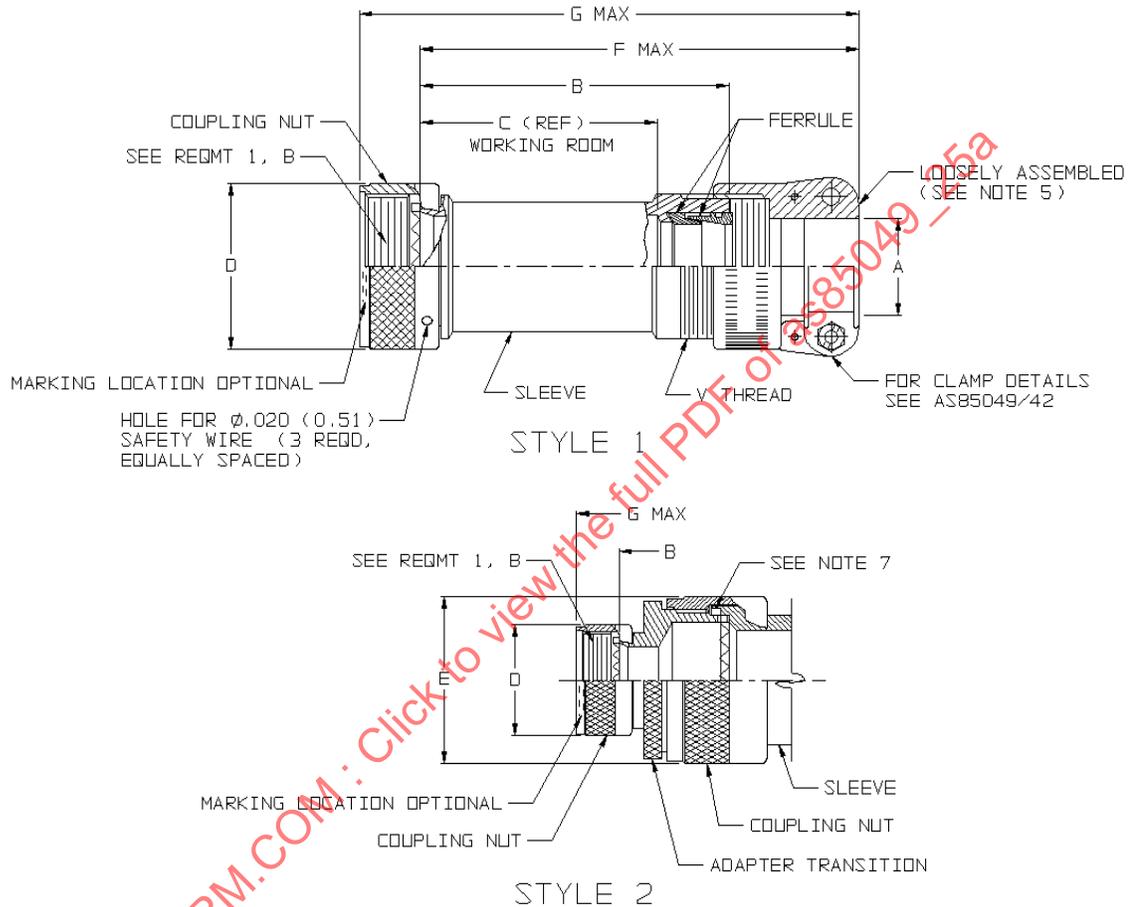
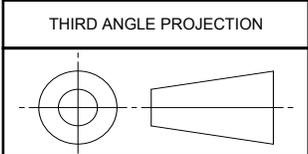


FIGURE 1 – CONFIGURATION AND DIMENSIONS

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CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD
 (R) CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, NONENVIRONMENTAL, STRAIGHT, SHIELD TERMINATION, CATEGORY 3A (FOR AS50151 CRIMP, MIL-DTL-26482 SERIES 2, AS81703 SERIES 3, AND MIL-DTL-83723 SERIES III CONNECTORS)

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ISSUED 1998-08 REAFFIRMED 2004-11 REVISED 2011-02

TABLE 1 – DIMENSIONS

DASH NO.	FITS SHELL OF CONNECTOR				CLAMP SIZE	A WIRE BUNDLE ACCOMMODATION RANGE (SEE NOTE 6)		STYLE	B DIM. ± .125 (± 3.2)	D DIA. (REF.)				
	AS81703 SERIES 3	MIL-DTL-26482 SEREIS 2	AS50151 CRIMP	MIL-DTL-83723 SERIES III		MIN	MAX							
01	3	X	X	X	4	.125 (3.2)	.250 (6.4)	1	2.00 (50.8)	.669 (17.0)				
02									3.00 (76.2)					
03					6	.250 (6.4)	.437 (11.1)	2	2.75 (69.9)					
04									3.75 (95.3)					
05	X	8	8S	8	4	.125 (3.2)	.250 (6.4)	1	2.00 (50.8)	.617 (15.7)				
06									3.00 (76.2)					
07					6	.250 (6.4)	.437 (11.1)	2	2.75 (69.9)					
08									3.75 (95.3)					
09					10	10S, 10SL	10	4	.125 (3.2)		.312 (7.9)	1	2.00 (50.8)	.734 (18.6)
10													3.00 (76.2)	
11		6	.250 (6.4)	.437 (11.1)				2	2.75 (69.9)					
12									3.75 (95.3)					
13		7	12	12, 12S	12	6	.250 (6.4)	.437 (11.1)	1	2.00 (50.8)	.858 (21.8)			
14										3.00 (76.2)				
15						10	.350 (8.9)	.625 (15.9)	2	2.75 (69.9)				
16										3.75 (95.3)				
17	12	14	14, 14S	14	10	.350 (8.9)	.575 (14.6)	1	2.00 (50.8)	.984 (25.0)				
18									3.00 (76.2)					
19					12	.500 (12.7)	.750 (19.1)	2	2.75 (69.9)					
20									3.75 (95.3)					
21	19	16	16, 16S	16	12	.500 (12.7)	.700 (17.8)	1	2.00 (50.8)	1.112 (28.2)				
22									3.00 (76.2)					
23					16	.625 (15.9)	.937 (23.8)	2	2.75 (69.9)					
24									3.75 (95.3)					
25	27	18	18	18	10	.350 (8.9)	.625 (15.9)	1	2.00 (50.8)	1.218 (30.9)				
26									3.00 (76.2)					
27					12	.500 (12.7)	.750 (19.1)	1	2.00 (50.8)					
28									3.00 (76.2)					

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TABLE 1 – DIMENSIONS (CONT'D)

DASH NO.	C DIM. (REF)	V THREAD CLASS 2A	E DIA. MAX.	F DIM. MAX.	G DIM. MAX.
01	1.06 (26.9)	.625-24 UNEF	-	3.15 (80.0)	3.51 (89.2)
02	2.06 (52.3)			4.15 (105.4)	4.51 (114.6)
03	1.81 (46.0)	.750-20 UNEF	.858 (21.8)	3.90 (99.1)	4.26 (108.2)
04	2.81 (71.4)			4.90 (124.5)	5.26 (133.6)
05	1.06 (26.9)	.625-24 UNEF	-	3.15 (80.0)	3.51 (89.2)
06	2.06 (52.3)			4.15 (105.4)	4.51 (114.6)
07	1.81 (46.0)	.750-20 UNEF	.858 (21.8)	3.90 (99.1)	4.26 (108.2)
08	2.81 (71.4)			4.90 (124.5)	5.26 (133.6)
09	1.06 (26.9)	.625-24 UNEF	-	3.15 (80.0)	3.51 (89.2)
10	2.06 (52.3)			4.15 (105.4)	4.51 (114.6)
11	1.81 (46.0)	.750-20 UNEF	.858 (21.8)	3.90 (99.1)	4.26 (108.2)
12	2.81 (71.4)			4.90 (124.5)	5.26 (133.6)
13	1.06 (26.9)	.750-20 UNEF	-	3.15 (80.0)	3.51 (89.2)
14	2.06 (52.3)			4.15 (105.4)	4.51 (114.6)
15	1.67 (42.4)	1.000-20 UNEF	1.112 (28.2)	3.90 (99.1)	4.26 (108.2)
16	2.67 (67.8)			4.90 (124.5)	5.26 (133.6)
17	.092 (23.4)	1.000-20 UNEF	-	3.15 (80.0)	3.51 (89.2)
18	1.92 (48.8)			4.15 (105.4)	4.51 (114.6)
19	1.67 (42.4)	1.187-18 UNEF	1.218 (30.9)	3.93 (99.8)	4.29 (109.0)
20	2.67 (67.8)			5.04 (128.0)	5.29 (134.4)
21	.092 (23.4)	1.187-18 UNEF	-	3.18 (80.8)	3.54 (89.9)
22	1.92 (48.8)			4.18 (106.2)	4.54 (115.3)
23	1.67 (42.4)	1.437-18 UNEF	1.468 (37.3)	4.02 (102.1)	4.38 (111.3)
24	2.67 (67.8)			5.02 (127.5)	5.38 (136.7)
25	.092 (23.4)	1.000-20 UNEF	-	3.15 (80.0)	3.51 (89.2)
26	1.92 (48.8)			4.15 (105.4)	4.51 (114.6)
27	.092 (23.4)	1.187-18 UNEF	-	3.18 (80.8)	3.54 (89.9)
28	1.92 (48.8)			4.18 (106.2)	4.54 (115.3)

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TABLE 1 – DIMENSIONS (CONT'D)

DASH NO.	FITS SHELL OF CONNECTOR				CLAMP SIZE	A WIRE BUNDLE ACCOMMODATION RANGE (SEE NOTE 6)		STYLE	B DIM. ± .125 (± 3.2)	D DIA. (REF.)					
	AS81703 SERIES 3	MIL-DTL-26482 SEREIS 2	AS50151 CRIMP	MIL-DTL-83723 SERIES III		MIN	MAX								
29	27	18	18	18	16	.625 (15.9)	.937 (23.8)	2	2.75 (69.9)	1.218 (30.9)					
30									3.75 (95.3)						
31	37	20	20	20	10	.350 (8.9)	.625 (15.9)	1	3.00 (76.2)	1.345 (34.2)					
32									4.00 (101.6)						
33					12	.500 (12.7)	.750 (19.1)	1	3.00 (76.2)	1.345 (34.2)					
34									4.00 (101.6)						
35					16	.625 (15.9)	.937 (23.8)	2	3.75 (95.3)	1.345 (34.2)					
36									4.75 (120.7)						
37									20		.875 (22.2)	1.250 (31.8)	2	3.75 (95.3)	1.345 (34.2)
38														4.75 (120.7)	
39					22	22	22	10	.350 (8.9)	.625 (15.9)	1	3.00 (76.2)	1.468 (37.3)		
40												4.00 (101.6)			
41	12	.500 (12.7)	.750 (19.1)	1				3.00 (76.2)	1.468 (37.3)						
42								4.00 (101.6)							
43	16	.625 (15.9)	.937 (23.8)	1				3.00 (76.2)	1.468 (37.3)						
44								4.00 (101.6)							
45	20	.875 (22.2)	1.250 (31.8)	2				3.75 (95.3)	1.468 (37.3)						
46								4.75 (120.7)							
47	24	24	24	12				.500 (12.7)	.750 (19.1)	1	3.00 (76.2)	1.593 (40.5)			
48											4.00 (101.6)				
49				16	.625 (15.9)	.812 (20.6)	1	3.00 (76.2)	1.593 (40.5)						
50								4.00 (101.6)							
51				16	.625 (15.9)	.937 (23.8)	1	3.00 (76.2)	1.593 (40.5)						
52								4.00 (101.6)							
53	20	.875 (22.2)	1.250 (31.8)	2	3.75 (95.3)	1.593 (40.5)									
54					4.75 (120.7)										
55	28	28	28	12	.500 (12.7)	.750 (19.1)	1	3.00 (76.2)	1.969 (50.0)						
56								4.00 (101.6)							

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TABLE 1 – DIMENSIONS (CONT'D)

DASH NO.	C DIM. (REF)	V THREAD CLASS 2A	E DIA. MAX.	F DIM. MAX.	G DIM. MAX.
29	1.67 (42.4)	1.437-18 UNEF	1.468 (37.3)	4.02 (106.7)	4.38 (111.3)
30	2.67 (67.8)			5.02 (127.5)	5.38 (136.7)
31	1.92 (48.8)	1.000-20 UNEF	-	4.15 (105.4)	4.51 (114.6)
32	2.92 (74.2)			5.15 (130.8)	5.51 (140.0)
33	1.92 (48.8)	1.187-18 UNEF	-	4.18 (106.2)	4.54 (115.3)
34	2.92 (74.2)			5.18 (131.6)	5.54 (140.7)
35	2.67 (67.8)	1.437-18 UNEF	1.468 (37.3)	5.02 (127.5)	5.38 (136.7)
36	3.67 (93.2)			6.02 (152.9)	6.38 (162.1)
37	2.67 (67.8)	1.750-18 UNS	1.969 (50.0)	5.24 (133.1)	5.60 (142.2)
38	3.67 (93.2)			6.24 (158.5)	6.60 (167.6)
39	1.92 (48.8)	1.000-20 UNEF	-	4.15 (105.4)	4.51 (114.6)
40	2.92 (74.2)			5.15 (130.8)	5.51 (140.0)
41	1.92 (48.8)	1.187-18 UNEF	-	4.18 (106.2)	4.54 (115.3)
42	2.92 (74.2)			5.18 (131.6)	5.54 (140.7)
43	1.92 (48.8)	1.437-18 UNEF	-	4.27 (108.5)	4.63 (117.6)
44	2.92 (74.2)			5.27 (133.9)	5.63 (143.0)
45	2.67 (67.8)	1.750-18 UNS	1.969 (50.0)	4.18 (106.2)	5.60 (142.2)
46	3.67 (93.2)			5.18 (131.6)	6.60 (167.6)
47	1.92 (48.8)	1.187-18 UNEF	-	4.18 (106.2)	4.54 (115.3)
48	2.92 (74.2)			5.18 (131.6)	5.54 (140.7)
49	1.92 (48.8)	1.437-18 UNEF	-	4.27 (108.5)	4.63 (117.6)
50	2.92 (74.2)			5.27 (133.9)	5.63 (143.0)
51	1.92 (48.8)	1.437-18 UNEF	-	4.27 (108.5)	4.63 (117.6)
52	2.92 (74.2)			5.27 (133.9)	5.63 (143.0)
53	2.67 (67.8)	1.750-18 UNS	1.969 (50.0)	4.18 (106.2)	5.60 (142.2)
54	3.67 (93.2)			5.18 (131.6)	6.60 (167.6)
55	1.92 (48.8)	1.187-18 UNEF	-	4.16 (105.7)	4.68 (118.9)
56	2.92 (74.2)			5.16 (131.1)	5.68 (144.3)

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TABLE 1 – DIMENSIONS (CONT'D)

DASH NO.	FITS SHELL OF CONNECTOR				CLAMP SIZE	A WIRE BUNDLE ACCOMMODATION RANGE (SEE NOTE 6)		STYLE	B DIM. ± .125 (± 3.2)	D DIA. (REF.)
	AS81703 SERIES 3	MIL-DTL-26482 SEREIS 2	AS50151 CRIMP	MIL-DTL-83723 SERIES III		MIN	MAX			
57			28		16	.625 (15.9)	.937 (23.8)	1	3.00 (76.2)	1.969 (50.0)
58									4.00 (101.6)	
59					20	.875 (22.2)	1.250 (31.8)	1	3.00 (76.2)	1.969 (50.0)
60									4.00 (101.6)	
61				24	1.000 (25.4)	1.375 (34.9)	1	3.00 (76.2)	1.969 (50.0)	
62								4.00 (101.6)		
63			32		16	.625 (15.9)	.937 (23.8)	1	3.00 (76.2)	1.219 (31.0)
64									4.00 (101.6)	
65					20	.875 (22.2)	1.250 (31.8)	1	3.00 (76.2)	1.219 (31.0)
66									4.00 (101.6)	
67					24	1.000 (25.4)	1.375 (34.9)	1	3.00 (76.2)	1.219 (31.0)
68									4.00 (101.6)	
69					28	1.250 (31.8)	1.625 (41.3)	1	3.00 (76.2)	1.219 (31.0)
70									4.00 (101.6)	
71				20	.875 (22.2)	1.250 (31.8)	1	4.00 (101.6)	2.469 (62.7)	
72								5.00 (127.0)		
73				24	1.000 (25.4)	1.375 (34.9)	1	4.00 (101.6)	2.469 (62.7)	
74								5.00 (127.0)		
75			36		28	1.250 (31.8)	1.625 (41.3)	1	4.00 (101.6)	2.469 (62.7)
76									5.00 (127.0)	
77					32	1.437 (36.5)	1.875 (47.6)	2	4.88 (124.0)	2.469 (62.7)
78									5.88 (149.4)	
79				20	.875 (22.2)	1.250 (31.8)	1	4.00 (101.6)	2.719 (69.1)	
80								5.00 (127.0)		
81			40		24	1.000 (25.4)	1.375 (34.9)	1	4.00 (101.6)	2.719 (69.1)
82									5.00 (127.0)	
83					28	1.250 (31.8)	1.625 (41.3)	1	4.00 (101.6)	2.719 (69.1)
84									5.00 (127.0)	

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TABLE 1 – DIMENSIONS (CONT'D)

DASH NO.	C DIM. (REF)	V THREAD CLASS 2A	E DIA. MAX.	F DIM. MAX.	G DIM. MAX.
57	1.92 (48.8)	1.437-18 UNEF	-	4.26 (108.2)	4.78 (121.4)
58	2.92 (74.2)			5.26 (133.6)	5.78 (146.8)
59	1.92 (48.8)	1.750-18 UNS	-	4.48 (113.8)	5.00 (127.0)
60	2.92 (74.2)			5.48 (139.2)	6.00 (152.4)
61	1.92 (48.8)	2.000-18 UNS	-	4.60 (116.8)	5.12 (130.0)
62	2.92 (74.2)			5.60 (142.2)	6.12 (155.4)
63	1.92 (48.8)	1.437-18 UNEF	-	4.26 (108.2)	4.78 (121.4)
64	2.92 (74.2)			5.26 (133.6)	5.78 (146.8)
65	1.92 (48.8)	1.750-18 UNS	-	4.48 (113.8)	5.00 (127.0)
66	2.92 (74.2)			5.48 (139.2)	6.00 (152.4)
67	1.92 (48.8)	2.000-18 UNS	-	4.60 (116.8)	5.12 (130.0)
68	2.92 (74.2)			5.60 (142.2)	6.12 (155.4)
69	1.92 (48.8)	2.250-16 UN	-	4.89 (124.2)	5.41 (137.4)
70	2.92 (74.2)			5.89 (149.6)	6.41 (162.8)
71	2.92 (74.2)	1.750-18 UNS	-	5.49 (139.4)	6.01 (152.7)
72	3.92 (99.6)			6.49 (164.8)	7.01 (178.1)
73	2.92 (74.2)	2.000-18 UNS	-	5.60 (142.2)	6.12 (155.4)
74	3.92 (99.6)			6.60 (167.6)	7.12 (180.8)
75	2.92 (74.2)	20250-16 UN	-	5.89 (149.6)	6.41 (162.8)
76	3.92 (99.6)			6.89 (175.0)	7.41 (188.2)
77	3.80	20500-16 UN	2.719 (69.1)	6.81 (173.0)	7.33 (186.2)
78	4.80			7.81 (198.4)	8.33 (211.6)
79	2.92 (74.2)	1.750-18 UNS	-	5.48 (139.2)	6.00 (152.4)
80	3.92 (99.6)			6.48 (164.6)	7.00 (177.8)
81	2.92 (74.2)	2.000-18 UNS	-	5.60 (142.2)	6.12 (155.4)
82	3.92 (99.6)			6.60 (167.6)	7.12 (180.8)
83	2.92 (74.2)	20250-16 UN	-	5.89 (149.6)	6.41 (162.8)
84	3.92 (99.6)			6.89 (175.0)	7.41 (188.2)

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TABLE 1 – DIMENSIONS (CONT'D)

DASH NO.	FITS SHELL OF CONNECTOR				CLAMP SIZE	A WIRE BUNDLE ACCOMMODATION RANGE (SEE NOTE 6)		STYLE	B DIM. ± .125 (± 3.2)	D DIA. (REF.)			
	AS81703 SERIES 3	MIL-DTL-26482 SEREIS 2	AS50151 CRIMP	MIL-DTL-83723 SERIES III		MIN	MAX						
85	61		40		32	1.437	1.875	1	4.00	2.719			
86						(36.5)	(47.6)		5.00		(69.1)		
87			20			1	.875	1.250	4.00	2.969			
88							(22.2)	(31.8)	5.00		(75.4)		
89			24			1	1.000	1.375	4.00	2.969			
90							(25.4)	(34.9)	5.00		(75.4)		
91			28			1	1.250	1.625	4.00	2.969			
92							(31.8)	(41.3)	5.00		(75.4)		
93			32			1	1.437	1.875	4.00	2.969			
94							(36.5)	(47.6)	5.00		(75.4)		
95			20			1	.875	1.250	4.00	3.219			
96							(22.2)	(31.8)	5.00		(81.8)		
97			24			1	1.000	1.375	4.00	3.219			
98							(25.4)	(34.9)	5.00		(81.8)		
99			28			1	1.250	1.625	4.00	3.219			
100							(31.8)	(41.3)	5.00		(81.8)		
101			32			1	1.437	1.875	4.00	3.219			
102							(36.5)	(47.6)	5.00		(81.8)		
103			61			12		12	.500	.750	1	3.00	1.653
104									(12.7)	(19.1)		4.00	
105	16			1		.625		.937	3.00	1.653			
106						(15.9)		(23.8)	4.00		(42.0)		
107	20			2		.875		1.250	3.75	1.653			
108						(22.2)		(31.8)	4.75		(42.0)		
109	24			2		1.000		1.375	3.75	1.653			
110						(25.4)		(34.9)	4.75		(42.0)		
111	7	12	12, 12S	12	10	.350	.500	1	2.00	.858			
112	19	16	16, 16S	16	6	.250	.437	1	2.00	1.112			
						(8.9)	(12.7)		(50.8)	(21.8)			
						(6.4)	(11.1)		(50.8)	(28.2)			

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TABLE 1 – DIMENSIONS (CONT'D)

DASH NO.	C DIM. (REF)	V THREAD CLASS 2A	E DIA. MAX.	F DIM. MAX.	G DIM. MAX.
85	2.92 (74.2)	2.500-16 UN	-	5.93 (150.6)	6.45 (163.8)
86	3.92 (99.6)			6.93 (176.0)	7.45 (189.2)
87	2.92 (74.2)	1.750-18 UNS	-	5.48 (139.2)	6.00 (152.4)
88	3.92 (99.6)			6.48 (164.6)	7.00 (177.8)
89	2.92 (74.2)	2.000-18 UNS	-	5.60 (142.2)	6.12 (155.4)
90	3.92 (99.6)			6.60 (167.6)	7.12 (180.8)
91	2.92 (74.2)	2.250-16 UN	-	5.89 (149.6)	6.41 (162.8)
92	3.92 (99.6)			6.89 (175.0)	7.41 (188.2)
93	2.92 (74.2)	2.500-16 UN	-	5.93 (150.6)	6.45 (163.8)
94	3.92 (99.6)			6.93 (176.0)	7.45 (189.2)
95	2.92 (74.2)	1.750-18 UNS	-	5.48 (139.2)	6.00 (152.4)
96	3.92 (99.6)			6.48 (164.6)	7.00 (177.8)
97	2.92 (74.2)	2.000-18 UNS	-	5.60 (142.2)	6.12 (155.4)
98	3.92 (99.6)			6.60 (167.6)	7.12 (180.8)
99	2.92 (74.2)	2.250-16 UN	-	5.89 (149.6)	6.41 (162.8)
100	3.92 (99.6)			6.89 (175.0)	7.41 (188.2)
101	2.92 (74.2)	2.500-16 UN	-	5.93 (150.6)	6.45 (163.8)
102	3.92 (99.6)			6.93 (176.0)	7.45 (189.2)
103	1.92 (48.8)	1.187-18 UNEF	-	4.18 (106.2)	4.54 (115.3)
104	2.92 (74.2)			5.18 (131.6)	5.54 (140.7)
105	1.92 (48.8)	1.437-18 UNEF	-	4.27 (108.5)	4.63 (117.6)
106	2.92 (74.2)			5.27 (133.9)	5.63 (143.0)
107	2.67 (67.8)	1.750-18 UNS	1.969 (50.0)	5.24 (133.1)	5.60 (142.2)
108	3.67 (93.2)			6.24 (158.5)	6.60 (167.6)
109	2.67 (67.8)	2.000-18 UNS	1.969 (50.0)	5.37 (136.4)	5.73 (145.5)
110	3.67 (93.2)			6.37 (161.8)	6.73 (170.9)
111	1.00 (25.4)	1.000-18 UNEF	-	3.15 (80.0)	3.51 (89.2)
112	1.00 (25.4)	.750-20 UNEF	-	3.15 (80.0)	3.51 (89.2)

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TABLE 1 – DIMENSIONS (CONT'D)

DASH NO.	FITS SHELL OF CONNECTOR				CLAMP SIZE	A WIRE BUNDLE ACCOMMODATION RANGE (SEE NOTE 6)		STYLE	B DIM. ± .125 (± 3.2)	D DIA. (REF.)	
	AS81703 SERIES 3	MIL-DTL-26482 SEREIS 2	AS50151 CRIMP	MIL-DTL-83723 SERIES III		MIN	MAX				
113	19	16	16, 16S	16	6	.250 (6.4)	.437 (11.1)	1	3.00 (76.2)	1.112 (28.2)	
114	7	12	12, 12S	12	4	.125 (3.2)	.312 (7.9)	1	2.00 (50.8)	.858 (21.8)	
115									3.00 (76.2)		
116	12	14	14, 14S	14	6	.250 (6.4)	.437 (11.1)	1	2.00 (50.8)	.984 (25.0)	
117									3.00 (76.2)		
118	19	16	16, 16S	16	10	.350 (8.9)	.625 (15.9)	1	2.00 (50.8)	1.112 (28.2)	
119									3.00 (76.2)		
120	27	18	18	18	4	.125 (3.2)	.312 (7.9)	1	2.00 (50.8)	1.218 (30.9)	
121									3.00 (76.2)		
122					6	.250 (6.4)	.437 (11.1)	1	2.00 (50.8)		1.218 (30.9)
123									3.00 (76.2)		
124	37	20	20	20	6	.250 (6.4)	.437 (11.1)	1	3.00 (76.2)	1.345 (34.2)	
125									4.00 (101.6)		
126	22	22	22	22	4	.125 (3.2)	.312 (7.9)	1	3.00 (76.2)	1.468 (37.3)	
127									4.00 (101.6)		
128					6	.250 (6.4)	.437 (11.1)	1	3.00 (76.2)		1.468 (37.3)
129									4.00 (101.6)		
130	24	24	24	24	10	.350 (8.9)	.625 (15.9)	1	3.00 (76.2)	1.593 (40.5)	
131									4.00 (101.6)		
132	36	36	36	36	12	.500 (12.7)	.750 (19.1)	1	4.00 (101.6)	2.469 (62.7)	
133									5.00 (127.0)		
134					40	40	40	40	12		.500 (12.7)
135	5.00 (127.0)										
136	10	10S, 10SL	10	10	6	.250 (6.4)	.375 (9.5)	1	2.00 (50.8)	.734 (18.6)	
137									3.00 (76.2)		
138	7	12	12, 12S	12	10	.350 (8.9)	.500 (12.7)	1	2.00 (50.8)	.858 (21.8)	
139									3.00 (76.2)		
140	37	20	20	20	16	.625 (15.9)	.904 (23.0)	1	3.00 (76.2)	1.345 (34.2)	

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TABLE 1 – DIMENSIONS (CONT'D)

DASH NO.	C DIM. (REF)	V THREAD CLASS 2A	E DIA. MAX.	F DIM. MAX.	G DIM. MAX.
113	2.00 (50.8)	.750-20 UNEF	-	4.15 (105.4)	4.51 (114.6)
114	1.00 (25.4)	.625-24 UNEF	-	3.15 (80.0)	3.51 (89.2)
115	2.00 (50.8)			4.15 (105.4)	4.51 (114.6)
116	1.00 (25.4)	.750-20 UNEF	-	3.15 (80.0)	3.51 (89.2)
117	2.00 (50.8)			4.15 (105.4)	4.51 (114.6)
118	0.92 (23.4)	1.000-20 UNEF	-	3.15 (80.0)	3.51 (89.2)
119	1.92 (48.8)			4.15 (105.4)	4.51 (114.6)
120	0.92 (23.4)	.625-24 UNEF	-	3.15 (80.0)	3.51 (89.2)
121	1.92 (48.8)			4.15 (105.4)	4.51 (114.6)
122	0.92 (23.4)	.750-20 UNEF	-	3.15 (80.0)	3.51 (89.2)
123	1.92 (48.8)			4.15 (105.4)	4.51 (114.6)
124	1.92 (48.8)	.750-20 UNEF	-	4.15 (105.4)	4.51 (114.6)
125	2.92 (74.2)			5.15 (130.8)	5.51 (140.0)
126	1.92 (48.8)	.625-24 UNEF	-	4.15 (105.4)	4.51 (114.6)
127	2.92 (74.2)			5.15 (130.8)	5.51 (140.0)
128	1.92 (48.8)	.750-20 UNEF	-	4.15 (105.4)	4.51 (114.6)
129	2.92 (74.2)			5.15 (130.8)	5.51 (140.0)
130	1.92 (48.8)	1.000-20 UNEF	-	4.15 (105.4)	4.51 (114.6)
131	2.92 (74.2)			5.15 (130.8)	5.51 (140.0)
132	2.92 (74.2)	1.187-18 UNEF	-	5.32 (135.1)	5.68 (144.3)
133	3.92 (99.6)			6.32 (160.5)	6.68 (169.7)
134	2.92 (74.2)	1.187-18 UNEF	-	5.16 (131.1)	5.68 (144.3)
135	3.92 (99.6)			6.16 (156.5)	6.68 (169.7)
136	1.06 (26.9)	.750-20 UNEF	-	3.15 (80.0)	3.51 (89.2)
137	2.06 (52.3)			4.15 (105.4)	4.51 (114.6)
138	1.06 (26.9)	1.000-20 UNEF	-	3.15 (80.0)	3.51 (89.2)
139	2.06 (52.3)			4.15 (105.4)	4.51 (114.6)
140	1.92 (48.8)	1.437-18 UNEF	-	4.27 (108.5)	4.63 (117.6)

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TABLE 1 – DIMENSIONS (CONT'D)

DASH NO.	FITS SHELL OF CONNECTOR				CLAMP SIZE	A WIRE BUNDLE ACCOMMODATION RANGE (SEE NOTE 6)		STYLE	B DIM. ± .125 (± 3.2)	D DIA. (REF.)	
	AS81703 SERIES 3	MIL-DTL-26482 SEREIS 2	AS50151 CRIMP	MIL-DTL-83723 SERIES III		MIN	MAX				
141	37	20	20	20	16	.625 (15.9)	.904 (23.0)	1	4.00 (101.6)	1.345 (34.2)	
142	X	22	22	22	20	.875 (22.2)	1.029 (26.1)	1	3.00 (76.2)	1.468 (37.3)	
143									4.00 (101.6)		
144		24	24	24	20	.875 (22.2)	1.144 (29.1)	1	3.00 (76.2)	1.593 (40.5)	
145									4.00 (101.6)		
146		X	X	36	X	32	1.437 (36.5)	1.840 (46.7)	1	4.00 (101.6)	2.469 (62.7)
147										5.00 (127.0)	
148						16	.625 (15.9)	.937 (23.8)	1	4.00 (101.6)	2.469 (62.7)
149										5.00 (127.0)	
150	12					14	14, 14S	14	4	.125 (3.2)	.312 (7.9)
151		3.00 (76.2)									
152	19	16	16, 16S	16	4	.125 (3.2)	.312 (7.9)	1	2.00 (50.8)	1.112 (28.2)	
153									3.00 (76.2)		
154	X	X	44	X	16	.625 (15.9)	.937 (23.8)	1	4.00 (101.6)	2.969 (62.7)	
155									5.00 (127.0)		
156			40		.625 (15.9)	.937 (23.8)	1	4.00 (101.6)	2.719 (69.1)		
157								5.00 (127.0)			

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