

REV.  
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AS85049™/25

RATIONALE

REVISION IS REQUIRED TO CORRECT DIMENSIONAL VALUES FOR DIMENSION D, TO IMPROVE DRAWING QUALITY, TO CHANGE THE MILITARY RESTRICTION WORDING AND TO UPDATE DOCUMENT FORMAT TO LATEST SAE GUIDELINES.

NOTICE

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

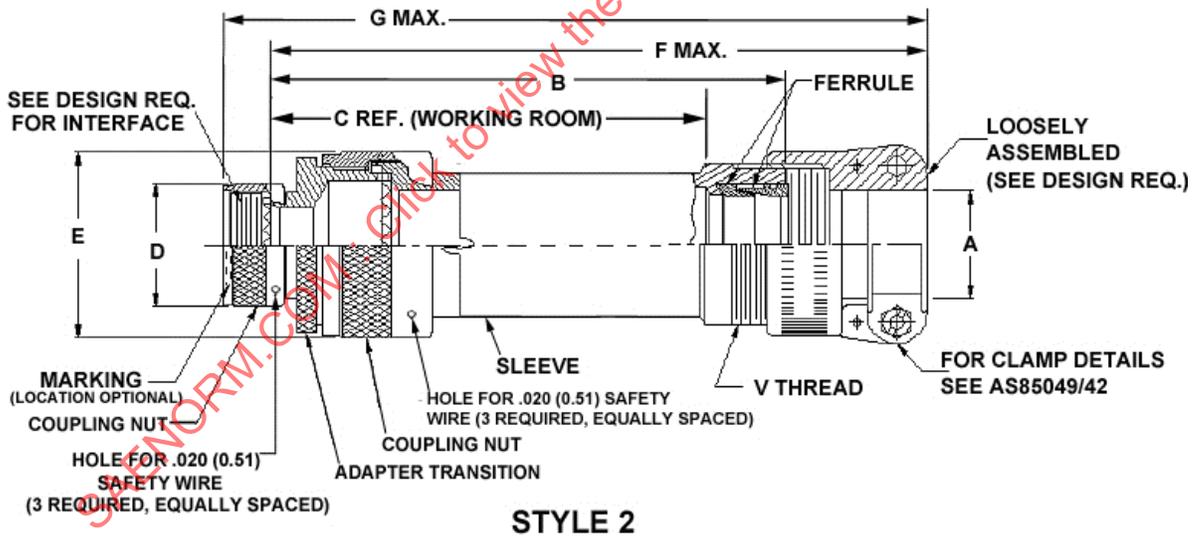
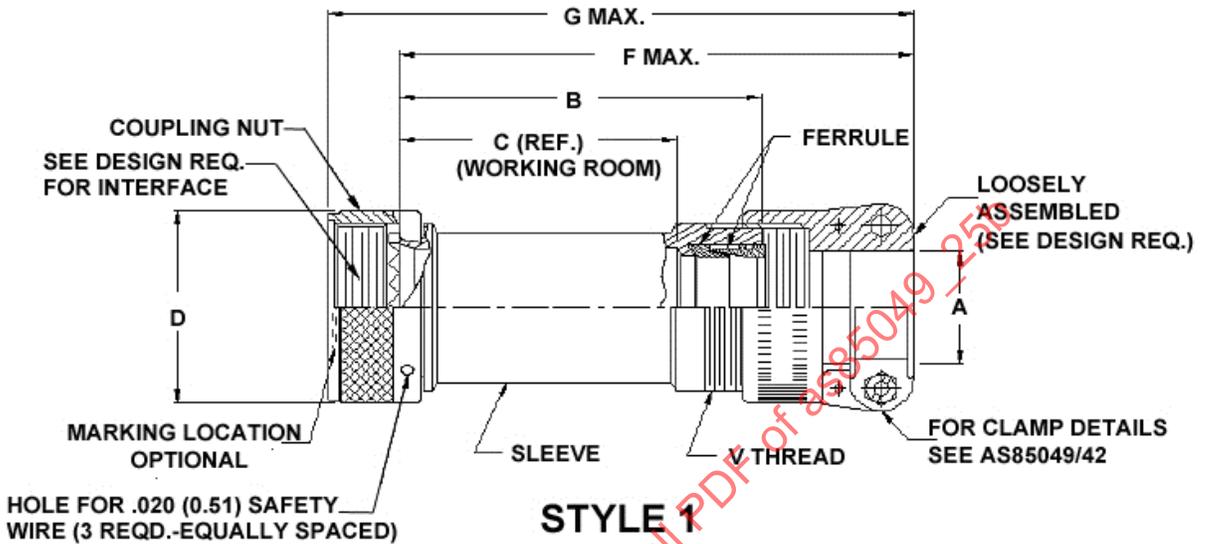
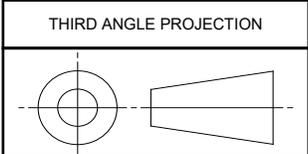


FIGURE 1 – CONFIGURATION AND DIMENSIONS

For more information on this standard, visit  
<https://www.sae.org/standards/content/AS85049/25B/>



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 REVISED 2016-05 REAFFIRMED 2021-01

**TABLE 1 – DIMENSIONS**

DASH NO.	FITS SHELL OF CONNECTOR				CLAMP SIZE	A WIRE BUNDLE ACCOMMODATION RANGE (SEE DESIGN REQ.)		STYLE	B DIM. ± .125 (± 3.2)	D DIA. (MAX.)
	AS81703 SERIES 3	MIL-DTL- 26482 SERIES 2	AS50151 AS95234 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)	

**TABLE 1 – DIMENSIONS (CONTINUED)**

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	.92 (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	.92 (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	.92 (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	.92 (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 (CONTINUED)

DASH NO.	FITS SHELL OF CONNECTOR				CLAMP SIZE	A WIRE BUNDLE ACCOMMODATION RANGE (SEE DESIGN REQ.)		STYLE	B DIM. ± .125 (± 3.2)	D DIA. (MAX.)			
	AS81703 SERIES 3	MIL-DTL-26482 SEREIS 2	AS50151 AS95234 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)	
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)		
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 (CONTINUED)**

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 (102.1)	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 (CONTINUED)**

DASH NO.	FITS SHELL OF CONNECTOR				CLAMP SIZE	A WIRE BUNDLE ACCOMMODATION RANGE (SEE DESIGN REQ.)		STYLE	B DIM. ± .125 (± 3.2)	D DIA. (MAX.)
	AS81703 SERIES 3	MIL-DTL- 26482 SERIES 2	AS50151 AS95234 CRIMP	MIL-DTL- 83723 SERIES III		MIN	MAX			
57					16	.625 (15.9)	.937 (23.8)	1	3.00 (76.2)	1.969 (50.0)
58									4.00 (101.6)	
59			28		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					16	.625 (15.9)	.937 (23.8)	1	3.00 (76.2)	2.219 (56.4)
64									4.00 (101.6)	
65					20	.875 (22.2)	1.250 (31.8)	1	3.00 (76.2)	2.219 (56.4)
66			32						4.00 (101.6)	
67					24	1.000 (25.4)	1.375 (34.9)	1	3.00 (76.2)	2.219 (56.4)
68									4.00 (101.6)	
69					28	1.250 (31.8)	1.625 (41.3)	1	3.00 (76.2)	2.219 (56.4)
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					24	1.000 (25.4)	1.375 (34.9)	1	4.00 (101.6)	2.719 (69.1)
82			40						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 (CONTINUED)**

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)	2.250-16 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 (96.5)	2.500-16 UN	2.719 (69.1)	6.81 (173.0)	7.33 (186.2)
78	4.80 (121.9)			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)	2.250-16 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 (CONTINUED)

DASH NO.	FITS SHELL OF CONNECTOR				CLAMP SIZE	A WIRE BUNDLE ACCOMMODATION RANGE (SEE DESIGN REQ.)		STYLE	B DIM. ± .125 (± 3.2)	D DIA. (MAX.)				
	AS81703 SERIES 3	MIL-DTL-26482 SEREIS 2	AS50151 AS95234 CRIMP	MIL-DTL-83723 SERIES III		MIN	MAX							
85	61		40		32	1.437 (36.5)	1.875 (47.6)	1	4.00 (101.6)	2.719 (69.1)				
86									5.00 (127.0)					
87					20	.875 (22.2)	1.250 (31.8)	1	4.00 (101.6)	2.969 (75.4)				
88									5.00 (127.0)					
89					24	1.000 (25.4)	1.375 (34.9)	1	4.00 (101.6)	2.969 (75.4)				
90									5.00 (127.0)					
91					28	1.250 (31.8)	1.625 (41.3)	1	4.00 (101.6)	2.969 (75.4)				
92									5.00 (127.0)					
93					32	1.437 (36.5)	1.875 (47.6)	1	4.00 (101.6)	2.969 (75.4)				
94									5.00 (127.0)					
95					20	.875 (22.2)	1.250 (31.8)	1	4.00 (101.6)	3.219 (81.8)				
96									5.00 (127.0)					
97					24	1.000 (25.4)	1.375 (34.9)	1	4.00 (101.6)	3.219 (81.8)				
98									5.00 (127.0)					
99					28	1.250 (31.8)	1.625 (41.3)	1	4.00 (101.6)	3.219 (81.8)				
100									5.00 (127.0)					
101					32	1.437 (36.5)	1.875 (47.6)	1	4.00 (101.6)	3.219 (81.8)				
102									5.00 (127.0)					
103					61		48		12	.500 (12.7)	.750 (19.1)	1	3.00 (76.2)	1.653 (42.0)
104													4.00 (101.6)	
105	16	.625 (15.9)	.937 (23.8)	1					3.00 (76.2)	1.653 (42.0)				
106									4.00 (101.6)					
107	20	.875 (22.2)	1.250 (31.8)	2					3.75 (95.3)	1.653 (42.0)				
108									4.75 (120.7)					
109	24	1.000 (25.4)	1.375 (34.9)	2					3.75 (95.3)	1.653 (42.0)				
110					4.75 (120.7)									
111	7	12	12, 12S	12	10	.350 (8.9)	.500 (12.7)	1	2.00 (50.8)	.858 (21.8)				
112	19	16	16, 16S	16	6	.250 (6.4)	.437 (11.1)	1	2.00 (50.8)	1.112 (28.2)				

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**TABLE 1 – DIMENSIONS (CONTINUED)**

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 (CONTINUED)

DASH NO.	FITS SHELL OF CONNECTOR				CLAMP SIZE	A WIRE BUNDLE ACCOMMODATION RANGE (SEE DESIGN REQ.)		STYLE	B DIM. ± .125 (± 3.2)	D DIA. (MAX.)	
	AS81703 SERIES 3	MIL-DTL-26482 SEREIS 2	AS50151 AS95234 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	X	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	10	.350 (8.9)	.625 (15.9)	1	3.00 (76.2)	1.593 (40.5)	
131									4.00 (101.6)		
132		X	X	X	X	12	.500 (12.7)	.750 (19.1)	1	4.00 (101.6)	2.469 (62.7)
133										5.00 (127.0)	
134	12					.500 (12.7)	.750 (19.1)	1	4.00 (101.6)	2.719 (69.1)	
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 (CONTINUED)**

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 (CONTINUED)

DASH NO.	FITS SHELL OF CONNECTOR				CLAMP SIZE	A WIRE BUNDLE ACCOMMODATION RANGE (SEE DESIGN REQ.)		STYLE	B DIM. ± .125 (± 3.2)	D DIA. (MAX.)					
	AS81703 SERIES 3	MIL-DTL- 26482 SERIES 2	AS50151 AS95234 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									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)	1	2.00 (50.8)	.984 (25.0)					
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	16	.625 (15.9)	.937 (23.8)	1	4.00 (101.6)	2.969 (75.4)						
155								5.00 (127.0)							
156			40	16	.625 (15.9)	.937 (23.8)	1	4.00 (101.6)	2.719 (69.1)						
157								5.00 (127.0)							

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