

REV.
B

SAE AS85049/11

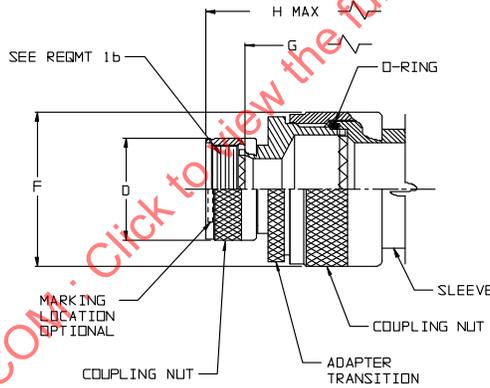
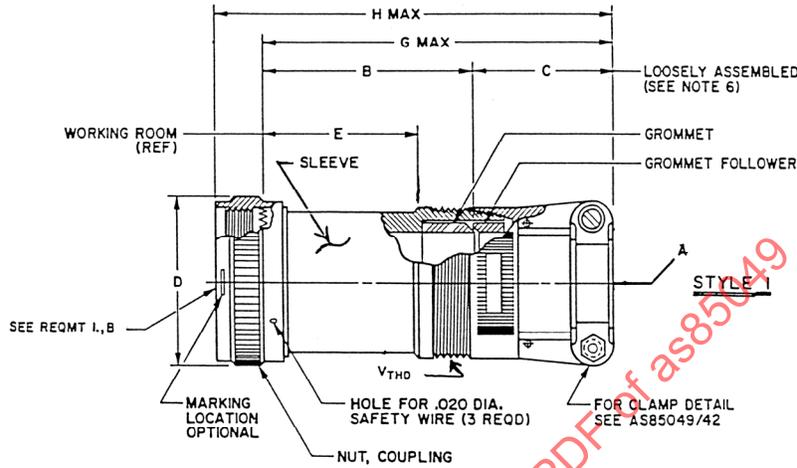
FEDERAL SUPPLY CLASS
5935

RATIONALE

REVISED TO INCLUDE COMMENTS RECEIVED BY THE GOVERNMENT AND INDUSTRY AND UP-DATE SPECIFICATION REQUIREMENTS, FIGURES AND REFERENCES.

NOTICE

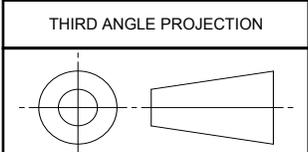
THE REQUIREMENTS FOR ACQUIRING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE LATEST ISSUE OF SAE AS85049.



STYLE 2

FIGURE 1 - CONFIGURATION AND DIMENSIONS

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS85049/11B>



CUSTODIAN: SAE AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS85049

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, ENVIRONMENTAL, CABLE SEALING, STRAIGHT, CATEGORY 1A (FOR MIL-DTL-5015 CRIMP, MIL-DTL-26482 SERIES 2, AS81703 SERIES 3, AND MIL-DTL-83723 SERIES III CONNECTORS)

SAE AS85049/11
SHEET 1 OF 12

REV. B

Copyright 2009 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)
Fax: 724-776-0790

Tel: +1 724-776-4970 (outside USA)
Email: CustomerService@sae.org

SAE WEB ADDRESS: <http://www.sae.org>

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

SAENORM.COM. Click to view the full PDF of as85049_11b

ISSUED 2001-07 REVISED 2009-11

TABLE 1 - DIMENSIONS

DASH NO.	CONNECTOR SHELL SIZE				CLAMP SIZE	A (SEE NOTE 6)		STYLE	B ±.125
	AS81703 SER 3	MIL-DTL-26482 SER 2	MIL-DTL-5015 CRIMP	MIL-DTL-83723 SER III		WIRE BUNDLE ACCOMMODATION RANGE			
						MIN	MAX		
01	3	--	--	--	4	.125 (3.18)	.250 (6.35)	1	2.00 (50.80)
02	3	--	--	--	4	.125 (3.18)	.250 (6.35)	1	3.00 (76.20)
03	3	--	--	--	6	.250 (6.35)	.437 (11.10)	2	2.75 (69.85)
04	3	--	--	--	6	.250 (6.35)	.437 (11.10)	2	3.75 (95.25)
05	--	8	8S	8	4	.125 (3.18)	.250 (6.35)	1	2.00 (50.80)
06	--	8	8S	8	4	.125 (3.18)	.250 (6.35)	1	3.00 (76.20)
07	--	8	8S	8	6	.250 (6.35)	.437 (11.10)	2	2.75 (69.85)
08	--	8	8S	8	6	.250 (6.35)	.437 (11.10)	2	3.75 (95.25)
09	--	10	10S,10SL	10	4	.125 (3.18)	.312 (7.92)	1	2.00 (50.80)
10	--	10	10S,10SL	10	4	.125 (3.18)	.312 (7.92)	1	3.00 (76.20)
11	--	10	10S,10SL	10	6	.250 (6.35)	.437 (11.10)	2	2.75 (69.85)
12	--	10	10S,10SL	10	6	.250 (6.35)	.437 (11.10)	2	3.75 (95.25)
13	7	12	12,12S	12	6	.250 (6.35)	.437 (11.10)	1	2.00 (50.80)
14	7	12	12,12S	12	6	.250 (6.35)	.437 (11.10)	1	3.00 (76.20)
15	7	12	12,12S	12	10	.350 (8.89)	.625 (15.88)	2	2.75 (69.85)
16	7	12	12,12S	12	10	.350 (8.89)	.625 (15.88)	2	3.75 (95.25)
17	12	14	14,14S	14	10	.350 (8.89)	.575 (14.61)	1	2.00 (50.80)
18	12	14	14,14S	14	10	.350 (8.89)	.575 (14.61)	1	3.00 (76.20)
19	12	14	14,14S	14	12	.500 (12.70)	.750 (19.05)	2	2.75 (69.85)
20	12	14	14,14S	14	12	.500 (12.70)	.750 (19.05)	2	3.75 (95.25)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	C REF	D DIA MAX	E REF	V THREAD CLASS 2A	F DIA MAX	G MAX	H MAX
01	1.027 (26.09)	.669 (16.99)	1.06 (26.92)	.625-24 UNEF	--	3.15 (80.01)	3.51 (89.15)
02	1.027 (26.09)	.669 (16.99)	2.06 (52.32)	.625-24 UNEF	--	4.15 (105.41)	4.51 (114.55)
03	1.027 (26.09)	.669 (16.99)	1.81 (45.97)	.750-20 UNEF	.858 (21.79)	3.90 (99.06)	4.26 (108.20)
04	1.027 (26.09)	.669 (16.99)	2.81 (71.37)	.750-20 UNEF	.858 (21.79)	4.90 (124.46)	5.26 (133.60)
05	1.027 (26.09)	.617 (15.67)	1.06 (26.92)	.625-24 UNEF	--	3.15 (80.01)	3.51 (89.15)
06	1.027 (26.09)	.617 (15.67)	2.06 (52.32)	.625-24 UNEF	--	4.15 (105.41)	4.51 (114.55)
07	1.027 (26.09)	.617 (15.67)	1.81 (45.97)	.750-20 UNEF	.858 (21.79)	3.90 (99.06)	4.26 (108.20)
08	1.027 (26.09)	.617 (15.67)	2.81 (71.37)	.750-20 UNEF	.858 (21.79)	4.90 (124.46)	5.26 (133.60)
09	1.027 (26.09)	.734 (18.64)	1.06 (26.92)	.625-24 UNEF	--	3.15 (80.01)	3.51 (89.15)
10	1.027 (26.09)	.734 (18.64)	2.06 (52.32)	.625-24 UNEF	--	4.15 (105.41)	4.51 (114.55)
11	1.027 (26.09)	.734 (18.64)	1.81 (45.97)	.750-20 UNEF	.858 (21.79)	3.90 (99.06)	4.26 (108.20)
12	1.027 (26.09)	.734 (18.64)	2.81 (71.37)	.750-20 UNEF	.858 (21.79)	4.90 (124.46)	5.26 (133.60)
13	1.027 (26.09)	.858 (21.79)	1.06 (26.92)	.750-20 UNEF	--	3.15 (80.01)	3.51 (89.15)
14	1.027 (26.09)	.858 (21.79)	2.06 (52.32)	.750-20 UNEF	--	4.15 (105.41)	4.51 (114.55)
15	1.027 (26.09)	.858 (21.79)	1.67 (42.42)	1.000-20 UNEF	1.112 (28.24)	3.90 (99.06)	4.26 (108.20)
16	1.027 (26.09)	.858 (21.79)	2.67 (67.82)	1.000-20 UNEF	1.112 (28.24)	4.90 (124.46)	5.26 (133.60)
17	1.027 (26.09)	.984 (24.99)	0.92 (23.37)	1.000-20 UNEF	--	3.15 (80.01)	3.51 (89.15)
18	1.027 (26.09)	.984 (24.99)	1.92 (48.77)	1.000-20 UNEF	--	4.15 (105.41)	4.51 (114.55)
19	1.059 (26.90)	.984 (24.99)	1.67 (42.42)	1.1875-18 UNEF	1.218 (30.94)	3.93 (99.82)	4.29 (108.97)
20	1.059 (26.90)	.984 (24.99)	2.67 (67.82)	1.1875-18 UNEF	1.218 (30.94)	4.93 (125.22)	5.29 (134.37)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	CONNECTOR SHELL SIZE				CLAMP SIZE	A (SEE NOTE 6)		STYLE	B ±.125
	AS81703 SERIES 3	MIL-DTL-26482 SERIES 2	MIL-DTL-5015 CRIMP	MIL-DTL-83723 SER III		WIRE BUNDLE ACCOMMODATION RANGE			
						MIN	MAX		
21	19	16	16,16S	16	12	.500 (12.70)	.700 (17.78)	1	2.00 (50.80)
22	19	16	16,16S	16	12	.500 (12.70)	.700 (17.78)	1	3.00 (76.20)
23	19	16	16,16S	16	16	.625 (15.88)	.937 (23.80)	2	2.75 (69.85)
24	19	16	16,16S	16	16	.625 (15.88)	.937 (23.80)	2	3.75 (95.25)
25	27	18	18	18	10	.350 (8.89)	.625 (15.88)	1	2.00 (50.80)
26	27	18	18	18	10	.350 (8.89)	.625 (15.88)	1	3.00 (76.20)
27	27	18	18	18	12	.500 (12.70)	.750 (19.05)	1	2.00 (50.80)
28	27	18	18	18	12	.500 (12.70)	.750 (19.05)	1	3.00 (76.20)
29	27	18	18	18	16	.625 (15.88)	.937 (23.80)	2	2.75 (69.85)
30	27	18	18	18	16	.625 (15.88)	.937 (23.80)	2	3.75 (95.25)
31	37	20	20	20	10	.350 (8.89)	.625 (15.88)	1	3.00 (76.20)
32	37	20	20	20	10	.350 (8.89)	.625 (15.88)	1	4.00 (101.60)
33	37	20	20	20	12	.500 (12.70)	.750 (19.05)	1	3.00 (76.20)
34	37	20	20	20	12	.500 (12.70)	.750 (19.05)	1	4.00 (101.60)
35	37	20	20	20	16	.625 (15.88)	.937 (23.80)	2	3.75 (95.25)
36	37	20	20	20	16	.625 (15.88)	.937 (23.80)	2	4.75 (120.65)
37	37	20	20	20	20	.875 (22.23)	1.250 (31.75)	2	3.75 (95.25)
38	37	20	20	20	20	.875 (22.23)	1.250 (31.75)	2	4.75 (120.65)
39	--	22	22	22	10	.350 (8.89)	.625 (15.88)	1	3.00 (76.20)
40	--	22	22	22	10	.350 (8.89)	.625 (15.88)	1	4.00 (101.60)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	C REF	D DIA MAX	E REF	V THREAD CLASS 2A	F DIA MAX	G MAX	H MAX
21	1.059 (26.90)	1.112 (28.24)	0.92 (23.37)	1.1875-18 UNEF	--	3.18 (80.77)	3.54 (89.92)
22	1.059 (26.90)	1.112 (28.24)	1.92 (48.77)	1.1875-18 UNEF	--	4.18 (106.17)	4.54 (115.32)
23	1.156 (29.36)	1.112 (28.24)	1.67 (42.42)	1.4375-18 UNEF	1.468 (37.29)	4.02 (102.11)	4.38 (111.25)
24	1.156 (29.36)	1.112 (28.24)	2.67 (67.82)	1.4375-18 UNEF	1.468 (37.29)	5.02 (127.51)	5.38 (136.65)
25	1.027 (26.09)	1.218 (30.94)	0.92 (23.37)	1.000-20 UNEF	--	3.15 (80.01)	3.51 (89.15)
26	1.027 (26.09)	1.218 (30.94)	1.92 (48.77)	1.000-20 UNEF	--	4.15 (105.41)	4.51 (114.55)
27	1.059 (26.90)	1.218 (30.94)	0.92 (23.37)	1.1875-18 UNEF	--	3.18 (80.77)	3.54 (89.92)
28	1.059 (26.90)	1.218 (30.94)	1.92 (48.77)	1.1875-18 UNEF	--	4.18 (106.17)	4.54 (115.32)
29	1.156 (29.36)	1.218 (30.94)	1.67 (42.42)	1.4375-18 UNEF	1.468 (37.29)	4.02 (102.11)	4.38 (111.25)
30	1.156 (29.36)	1.218 (30.94)	2.67 (67.82)	1.4375-18 UNEF	1.468 (37.29)	5.02 (127.51)	5.38 (136.65)
31	1.027 (26.09)	1.345 (34.16)	1.92 (48.77)	1.000-20 UNEF	--	4.15 (105.41)	4.51 (114.55)
32	1.027 (26.09)	1.345 (34.16)	2.92 (74.17)	1.000-20 UNEF	--	5.15 (130.81)	5.51 (139.95)
33	1.059 (26.90)	1.345 (34.16)	1.92 (48.77)	1.1875-18 UNEF	--	4.18 (106.17)	4.54 (115.32)
34	1.059 (26.90)	1.345 (34.16)	2.92 (74.17)	1.1875-18 UNEF	--	5.18 (131.57)	5.54 (140.72)
35	1.156 (29.36)	1.345 (34.16)	2.67 (67.82)	1.4375-18 UNEF	1.468 (37.29)	5.02 (127.51)	5.38 (136.65)
36	1.156 (29.36)	1.345 (34.16)	3.67 (93.22)	1.4375-18 UNEF	1.468 (37.29)	6.02 (152.91)	6.38 (162.05)
37	1.375 (34.93)	1.345 (34.16)	2.67 (67.82)	1.750-18 UNS	1.969 (50.01)	5.24 (133.10)	5.60 (142.24)
38	1.375 (34.93)	1.345 (34.16)	3.67 (93.22)	1.750-18 UNS	1.969 (50.01)	6.24 (158.50)	6.60 (167.64)
39	1.027 (26.09)	1.468 (37.29)	1.92 (48.77)	1.000-20 UNEF	--	4.15 (105.41)	4.51 (114.55)
40	1.027 (26.09)	1.468 (37.29)	2.92 (74.17)	1.000-20 UNEF	--	5.15 (130.81)	5.51 (139.95)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	CONNECTOR SHELL SIZE				CLAMP SIZE	A (SEE NOTE 6)		STYLE	B ±.125
	AS81703 SER 3	MIL-DTL-26482 SER 2	MIL-DTL-5015 CRIMP	MIL-DTL-83723 SER III		WIRE BUNDLE ACCOMMODATION RANGE			
						MIN	MAX		
41	--	22	22	22	12	.500 (12.70)	.750 (19.05)	1	3.00 (76.20)
42	--	22	22	22	12	.500 (12.70)	.750 (19.05)	1	4.00 (101.60)
43	--	22	22	22	16	.625 (15.88)	.937 (23.80)	1	3.00 (76.20)
44	--	22	22	22	16	.625 (15.88)	.937 (23.80)	1	4.00 (101.60)
45	--	22	22	22	20	.875 (22.23)	1.250 (31.75)	2	3.75 (95.25)
46	--	22	22	22	20	.875 (22.23)	1.250 (31.75)	2	4.75 (120.65)
47	--	24	24	24	12	.500 (12.70)	.750 (19.05)	1	3.00 (76.20)
48	--	24	24	24	12	.500 (12.70)	.750 (19.05)	1	4.00 (101.60)
49	--	24	24	24	16	.625 (15.88)	.812 (20.62)	1	3.00 (76.20)
50	--	24	24	24	16	.625 (15.88)	.812 (20.62)	1	4.00 (101.60)
51	--	24	24	24	16	.625 (15.88)	.937 (23.80)	1	3.00 (76.20)
52	--	24	24	24	16	.625 (15.88)	.937 (23.80)	1	4.00 (101.60)
53	--	24	24	24	20	.875 (22.23)	1.250 (31.75)	2	3.75 (95.25)
54	--	24	24	24	20	.875 (22.23)	1.250 (31.75)	2	4.75 (120.65)
55	--	--	28	--	12	.500 (12.70)	.750 (19.05)	1	3.00 (76.20)
56	--	--	28	--	12	.500 (12.70)	.750 (19.05)	1	4.00 (101.60)
57	--	--	28	--	16	.625 (15.88)	.937 (23.80)	1	3.00 (76.20)
58	--	--	28	--	16	.625 (15.88)	.937 (23.80)	1	4.00 (101.60)
59	--	--	28	--	20	.875 (22.23)	1.250 (31.75)	1	3.00 (76.20)
60	--	--	28	--	20	.875 (22.23)	1.250 (31.75)	1	4.00 (101.60)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	C REF	D DIA MAX	E REF	V THREAD CLASS 2A	F DIA MAX	G MAX	H MAX
41	1.059 (26.90)	1.468 (37.29)	1.92 (48.77)	1.1875-18 UNEF	--	4.18 (106.17)	4.54 (115.32)
42	1.059 (26.90)	1.468 (37.29)	2.92 (74.17)	1.1875-18 UNEF	--	5.18 (131.57)	5.54 (140.72)
43	1.156 (29.36)	1.468 (37.29)	1.92 (48.77)	1.4375-18 UNEF	--	4.27 (108.46)	4.63 (117.60)
44	1.156 (29.36)	1.468 (37.29)	2.92 (74.17)	1.4375-18 UNEF	--	5.27 (133.86)	5.63 (143.00)
45	1.375 (34.93)	1.468 (37.29)	2.67 (67.82)	1.750-18 UNS	1.969 (50.01)	5.24 (133.10)	5.60 (142.24)
46	1.375 (34.93)	1.468 (37.29)	3.67 (93.22)	1.750-18 UNS	1.969 (50.01)	6.24 (158.50)	6.60 (167.64)
47	1.059 (26.90)	1.593 (40.46)	1.92 (48.77)	1.1875-18 UNEF	--	4.18 (106.17)	4.54 (115.32)
48	1.059 (26.90)	1.593 (40.46)	2.92 (74.17)	1.1875-18 UNEF	--	5.18 (131.57)	5.54 (140.72)
49	1.156 (29.36)	1.593 (40.46)	1.92 (48.77)	1.4375-18 UNEF	--	4.27 (108.46)	4.63 (117.60)
50	1.156 (29.36)	1.593 (40.46)	2.92 (74.17)	1.4375-18 UNEF	--	5.27 (133.86)	5.63 (143.00)
51	1.156 (29.36)	1.593 (40.46)	1.92 (48.77)	1.4375-18 UNEF	--	4.27 (108.46)	4.63 (117.60)
52	1.156 (29.36)	1.593 (40.46)	2.92 (74.17)	1.4375-18 UNEF	--	5.27 (133.86)	5.63 (143.00)
53	1.375 (34.93)	1.593 (40.46)	2.67 (67.82)	1.750-18 UNS	1.969 (50.01)	5.24 (133.10)	5.60 (142.24)
54	1.375 (34.93)	1.593 (40.46)	3.67 (93.22)	1.750-18 UNS	1.969 (50.01)	6.24 (158.50)	6.60 (167.64)
55	1.059 (26.90)	1.969 (50.01)	1.92 (48.77)	1.1875-18 UNEF	--	4.16 (105.66)	4.68 (118.87)
56	1.059 (26.90)	1.969 (50.01)	2.92 (74.17)	1.1875-18 UNEF	--	5.16 (131.06)	5.68 (144.27)
57	1.156 (29.36)	1.969 (50.01)	1.92 (48.77)	1.4375-18 UNEF	--	4.26 (108.20)	4.78 (121.41)
58	1.156 (29.36)	1.969 (50.01)	2.92 (74.17)	1.4375-18 UNEF	--	5.26 (133.60)	5.78 (146.81)
59	1.375 (34.93)	1.969 (50.01)	1.92 (48.77)	1.750-18 UNS	--	4.48 (113.79)	5.00 (127.00)
60	1.375 (34.93)	1.969 (50.01)	2.92 (74.17)	1.750-18 UNS	--	5.48 (139.19)	6.00 (152.40)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	CONNECTOR SHELL SIZE				CLAMP SIZE	A (SEE NOTE 6)		STYLE	B ±.125
	AS81703 SER 3	MIL-DTL-26482 SER 2	MIL-DTL-5015 CRIMP	MIL-DTL-83723 SER III		WIRE BUNDLE ACCOMMODATION RANGE			
						MIN	MAX		
61	--	--	28	--	24	1.000 (25.40)	1.375 (34.93)	1	3.00 (76.20)
62	--	--	28	--	24	1.000 (25.40)	1.375 (34.93)	1	4.00 (101.60)
63	--	--	32	--	16	.625 (15.88)	.937 (23.80)	1	3.00 (76.20)
64	--	--	32	--	16	.625 (15.88)	.937 (23.80)	1	4.00 (101.60)
65	--	--	32	--	20	.875 (22.23)	1.250 (31.75)	1	3.00 (76.20)
66	--	--	32	--	20	.875 (22.23)	1.250 (31.75)	1	4.00 (101.60)
67	--	--	32	--	24	1.000 (25.40)	1.375 (34.93)	1	3.00 (76.20)
68	--	--	32	--	24	1.000 (25.40)	1.375 (34.93)	1	4.00 (101.60)
69	--	--	32	--	28	1.250 (31.75)	1.625 (41.28)	1	3.00 (76.20)
70	--	--	32	--	28	1.250 (31.75)	1.625 (41.28)	1	4.00 (101.60)
71	--	--	36	--	20	.875 (22.23)	1.250 (31.75)	1	4.00 (101.60)
72	--	--	36	--	20	.875 (22.23)	1.250 (31.75)	1	5.00 (127.00)
73	--	--	36	--	24	1.000 (25.40)	1.375 (34.93)	1	4.00 (101.60)
74	--	--	36	--	24	1.000 (25.40)	1.375 (34.93)	1	5.00 (127.00)
75	--	--	36	--	28	1.250 (31.75)	1.625 (41.28)	1	4.00 (101.60)
76	--	--	36	--	28	1.250 (31.75)	1.625 (41.28)	1	5.00 (127.00)
77	--	--	36	--	32	1.437 (36.50)	1.875 (47.63)	2	4.88 (123.95)
78	--	--	36	--	32	1.437 (36.50)	1.875 (47.63)	2	5.88 (149.35)
79	--	--	40	--	20	.875 (22.23)	1.250 (31.75)	1	4.00 (101.60)
80	--	--	40	--	20	.875 (22.23)	1.250 (31.75)	1	5.00 (127.00)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	C REF	D DIA MAX	E REF	V THREAD CLASS 2A	F DIA MAX	G MAX	H MAX
61	1.500 (38.10)	1.969 (50.01)	1.92 (48.77)	2.000-18 UNS	--	4.60 (116.84)	5.12 (130.05)
62	1.500 (38.10)	1.969 (50.01)	2.92 (74.17)	2.000-18 UNS	--	5.60 (142.24)	6.12 (155.45)
63	1.156 (29.36)	2.219 (56.36)	1.92 (48.77)	1.4375-18 UNEF	--	4.26 (108.20)	4.78 (121.41)
64	1.156 (29.36)	2.219 (56.36)	2.92 (74.17)	1.4375-18 UNEF	--	5.26 (133.60)	5.78 (146.81)
65	1.375 (34.93)	2.219 (56.36)	1.92 (48.77)	1.750-18 UNS	--	4.48 (113.79)	5.00 (127.00)
66	1.375 (34.93)	2.219 (56.36)	2.92 (74.17)	1.750-18 UNS	--	5.48 (139.19)	6.00 (152.40)
67	1.500 (38.10)	2.219 (56.36)	1.92 (48.77)	2.000-18 UNS	--	4.60 (116.84)	5.12 (130.05)
68	1.500 (38.10)	2.219 (56.36)	2.92 (74.17)	2.000-18 UNS	--	5.60 (142.24)	6.12 (155.45)
69	1.781 (45.24)	2.219 (56.36)	1.92 (48.77)	2.250-16 UN	--	4.89 (124.21)	5.41 (137.41)
70	1.781 (45.24)	2.219 (56.36)	2.92 (74.17)	2.250-16 UN	--	5.89 (149.61)	6.41 (162.81)
71	1.375 (34.93)	2.469 (62.71)	2.92 (74.17)	1.750-18 UNS	--	5.49 (139.45)	6.01 (152.65)
72	1.375 (34.93)	2.469 (62.71)	3.92 (99.57)	1.750-18 UNS	--	6.49 (164.85)	7.01 (178.05)
73	1.500 (38.10)	2.469 (62.71)	2.92 (74.17)	2.000-18 UNS	--	5.60 (142.24)	6.12 (155.45)
74	1.500 (38.10)	2.469 (62.71)	3.92 (99.57)	2.000-18 UNS	--	6.60 (167.64)	7.12 (180.85)
75	1.781 (45.24)	2.469 (62.71)	2.92 (74.17)	2.250-16 UN	--	5.89 (149.61)	6.41 (162.81)
76	1.781 (45.24)	2.469 (62.71)	3.92 (99.57)	2.250-16 UN	--	6.89 (175.01)	7.41 (188.21)
77	1.830 (46.48)	2.469 (62.71)	3.80 (96.52)	2.500-16 UN	2.719 (69.06)	6.81 (172.97)	7.33 (186.18)
78	1.830 (46.48)	2.469 (62.71)	4.80 (121.52)	2.500-16 UN	2.719 (69.06)	7.81 (198.37)	8.33 (211.58)
79	1.375 (34.93)	2.719 (69.06)	2.92 (74.17)	1.750-18 UNS	--	5.48 (139.19)	6.00 (152.40)
80	1.375 (34.93)	2.719 (69.06)	3.92 (99.57)	1.750-18 UNS	--	6.48 (164.59)	7.00 (177.80)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	CONNECTOR SHELL SIZE				CLAMP SIZE	A (SEE NOTE 6)		STYLE	B ±.125
	AS81703 SER 3	MIL-DTL-26482 SER 2	MIL-DTL-5015 CRIMP	MIL-DTL-83723 SER III		WIRE BUNDLE ACCOMMODATION RANGE			
						MIN	MAX		
81	--	--	40	--	24	1.000 (25.40)	1.375 (34.93)	1	4.00 (101.60)
82	--	--	40	--	24	1.000 (25.40)	1.375 (34.93)	1	5.00 (127.00)
83	--	--	40	--	28	1.250 (31.75)	1.625 (41.28)	1	4.00 (101.60)
84	--	--	40	--	28	1.250 (31.75)	1.625 (41.28)	1	5.00 (127.00)
85	--	--	40	--	32	1.437 (36.50)	1.875 (47.63)	1	4.00 (101.60)
86	--	--	40	--	32	1.437 (36.50)	1.875 (47.63)	1	5.00 (127.00)
87	--	--	44	--	20	.875 (22.23)	1.250 (31.75)	1	4.00 (101.60)
88	--	--	44	--	20	.875 (22.23)	1.250 (31.75)	1	5.00 (127.00)
89	--	--	44	--	24	1.000 (25.40)	1.375 (34.93)	1	4.00 (101.60)
90	--	--	44	--	24	1.000 (25.40)	1.375 (34.93)	1	5.00 (127.00)
91	--	--	44	--	28	1.250 (31.75)	1.625 (41.28)	1	4.00 (101.60)
92	--	--	44	--	28	1.250 (31.75)	1.625 (41.28)	1	5.00 (127.00)
93	--	--	44	--	32	1.437 (36.50)	1.875 (47.63)	1	4.00 (101.60)
94	--	--	44	--	32	1.437 (36.50)	1.875 (47.63)	1	5.00 (127.00)
95	--	--	48	--	20	.875 (22.23)	1.250 (31.75)	1	4.00 (101.60)
96	--	--	48	--	20	.875 (22.23)	1.250 (31.75)	1	5.00 (127.00)
97	--	--	48	--	24	1.000 (25.40)	1.375 (34.93)	1	4.00 (101.60)
98	--	--	48	--	24	1.000 (25.40)	1.375 (34.93)	1	5.00 (127.00)
99	--	--	48	--	28	1.250 (31.75)	1.625 (41.28)	1	4.00 (101.60)
100	--	--	48	--	28	1.250 (31.75)	1.625 (41.28)	1	5.00 (127.00)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	C REF	D DIA MAX	E REF	V THREAD CLASS 2A	F DIA MAX	G MAX	H MAX
81	1.500 (38.10)	2.719 (69.06)	2.92 (74.17)	2.000-18 UNS	--	5.60 (142.24)	6.12 (155.45)
82	1.500 (38.10)	2.719 (69.06)	3.92 (99.57)	2.000-18 UNS	--	6.60 (167.64)	7.12 (180.85)
83	1.781 (45.24)	2.719 (69.06)	2.92 (74.17)	2.250-16 UN	--	5.89 (149.61)	6.41 (162.81)
84	1.781 (45.24)	2.719 (69.06)	3.92 (99.57)	2.250-16 UN	--	6.89 (175.01)	7.41 (188.21)
85	1.830 (46.48)	2.719 (69.06)	2.92 (74.17)	2.500-16 UN	--	5.93 (150.62)	6.45 (163.83)
86	1.830 (46.48)	2.719 (69.06)	3.92 (99.57)	2.500-16 UN	--	6.93 (176.02)	7.45 (189.23)
87	1.375 (34.93)	2.969 (75.41)	2.92 (74.17)	1.750-18 UNS	--	5.48 (139.19)	6.00 (152.40)
88	1.375 (34.93)	2.969 (75.41)	3.92 (99.57)	1.750-18 UNS	--	6.48 (164.59)	7.00 (177.80)
89	1.500 (38.10)	2.969 (75.41)	2.92 (74.17)	2.000-18 UNS	--	5.60 (142.24)	6.12 (155.45)
90	1.500 (38.10)	2.969 (75.41)	3.92 (99.57)	2.000-18 UNS	--	6.60 (167.64)	7.12 (180.85)
91	1.781 (45.24)	2.969 (75.41)	2.92 (74.17)	2.250-16 UN	--	5.89 (149.61)	6.41 (162.81)
92	1.781 (45.24)	2.969 (75.41)	3.92 (99.57)	2.250-16 UN	--	6.89 (175.01)	7.41 (188.21)
93	1.830 (46.48)	2.969 (75.41)	2.92 (74.17)	2.500-16 UN	--	5.93 (150.62)	6.45 (163.83)
94	1.830 (46.48)	2.969 (75.41)	3.92 (99.57)	2.500-16 UN	--	6.93 (176.02)	7.45 (189.32)
95	1.375 (34.93)	3.219 (81.76)	2.92 (74.17)	1.750-18 UNS	--	5.48 (139.19)	6.00 (152.40)
96	1.375 (34.93)	3.219 (81.76)	3.92 (99.57)	1.750-18 UNS	--	6.48 (164.59)	7.00 (177.80)
97	1.500 (38.10)	3.219 (81.76)	2.92 (74.17)	2.000-18 UNS	--	5.60 (142.24)	6.12 (155.45)
98	1.500 (38.10)	3.219 (81.76)	3.92 (99.57)	2.000-18 UNS	--	6.60 (167.64)	7.12 (180.85)
99	1.781 (45.24)	3.219 (81.76)	2.92 (74.17)	2.250-16 UN	--	5.89 (149.61)	6.41 (162.81)
100	1.781 (45.24)	3.219 (81.76)	3.92 (99.57)	2.250-16 UN	--	6.89 (175.01)	7.41 (188.21)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	CONNECTOR SHELL SIZE				CLAMP SIZE	A (SEE NOTE 6)		STYLE	B ±.125
	AS81703 SER 3	MIL-DTL-26482 SER 2	MIL-DTL-5015 CRIMP	MIL-DTL-83723 SER III		WIRE BUNDLE ACCOMMODATION RANGE			
						MIN	MAX		
101	--	--	48	--	32	1.437 (36.50)	1.875 (47.63)	1	4.00 (101.60)
102	--	--	48	--	32	1.437 (36.50)	1.875 (47.63)	1	5.00 (127.00)
103	61	--	--	--	12	.500 (12.70)	.750 (19.05)	1	3.00 (76.20)
104	61	--	--	--	12	.500 (12.70)	.750 (19.05)	1	4.00 (101.60)
105	61	--	--	--	16	.625 (15.88)	.937 (23.80)	1	3.00 (76.20)
106	61	--	--	--	16	.625 (15.88)	.937 (23.80)	1	4.00 (101.60)
107	61	--	--	--	20	.875 (22.23)	1.250 (31.75)	2	3.75 (95.25)
108	61	--	--	--	20	.875 (22.23)	1.250 (31.75)	2	4.75 (120.65)
109	61	--	--	--	24	1.000 (25.4)	1.375 (34.93)	2	3.75 (95.25)
110	61	--	--	--	24	1.000 (25.4)	1.375 (34.93)	2	4.75 (120.65)
111	7	12	12,12S	12	10	.350 (8.89)	.500 (12.70)	1	2.00 (50.80)
112	19	16	16,16S	16	6	.250 (6.35)	.437 (11.10)	1	2.00 (50.80)
113	19	16	16,16S	16	6	.250 (6.35)	.437 (11.10)	1	3.00 (76.20)
114	7	12	12,12S	12	4	.125 (3.18)	.312 (7.92)	1	2.00 (50.80)
115	7	12	12,12S	12	4	.125 (3.18)	.312 (7.92)	1	3.00 (76.20)
116	12	14	14,14S	14	6	.250 (6.35)	.437 (11.10)	1	2.00 (50.80)
117	12	14	14,14S	14	6	.250 (6.35)	.437 (11.10)	1	3.00 (76.20)
118	19	16	16,16S	16	10	.350 (8.89)	.625 (15.88)	1	2.00 (50.80)
119	19	16	16,16S	16	10	.350 (8.89)	.625 (15.88)	1	3.00 (76.20)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	C REF	D DIA MAX	E REF	V THREAD CLASS 2A	F DIA MAX	G MAX	H MAX
101	1.830 (46.48)	3.219 (81.76)	2.92 (74.17)	2.500-16 UN	--	5.93 (150.62)	6.45 (163.83)
102	1.830 (46.48)	3.219 (81.76)	3.92 (99.57)	2.500-16 UN	--	6.93 (176.02)	7.45 (189.23)
103	1.059 (26.90)	1.653 (41.99)	1.92 (48.77)	1.1875-18 UNEF	--	4.18 (106.17)	4.54 (115.32)
104	1.059 (26.90)	1.653 (41.99)	2.92 (74.17)	1.1875-18 UNEF	--	5.18 (131.57)	5.54 (140.72)
105	1.156 (29.36)	1.653 (41.99)	1.92 (48.77)	1.4375-18 UNEF	--	4.27 (108.46)	4.63 (117.60)
106	1.156 (29.36)	1.653 (41.99)	2.92 (74.17)	1.4375-18 UNEF	--	5.27 (133.86)	5.63 (143.00)
107	1.375 (34.93)	1.653 (41.99)	2.67 (67.82)	1.750-18 UNS	1.969 (50.01)	5.24 (133.10)	5.60 (142.24)
108	1.375 (34.93)	1.653 (41.99)	3.67 (93.22)	1.750-18 UNS	1.969 (50.01)	6.24 (158.50)	6.60 (167.64)
109	1.500 (38.10)	1.653 (41.99)	2.67 (67.82)	2.000-18 UNS	1.969 (50.01)	5.37 (136.40)	5.73 (145.54)
110	1.500 (38.10)	1.653 (41.99)	3.67 (93.22)	2.000-18 UNS	1.969 (50.01)	6.37 (161.80)	6.73 (170.94)
111	1.027 (26.09)	.858 (21.29)	1.00 (25.40)	1.000-20 UNEF	--	3.15 (80.01)	3.51 (89.15)
112	1.027 (26.09)	1.112 (28.24)	1.00 (25.40)	1.000-20 UNEF	--	3.15 (80.01)	3.51 (89.15)
113	1.027 (26.09)	1.112 (28.24)	2.00 (50.80)	.750-20 UNEF	--	4.15 (105.41)	4.51 (114.55)
114	1.027 (26.09)	.858 (21.29)	1.00 (25.40)	.750-20 UNEF	--	3.15 (80.01)	3.51 (89.15)
115	1.027 (26.09)	.858 (21.29)	2.00 (50.80)	.625-24 UNEF	--	4.15 (105.41)	4.51 (114.55)
116	1.027 (26.09)	.984 (24.99)	1.00 (25.40)	.625-24 UNEF	--	3.15 (80.01)	3.51 (89.15)
117	1.027 (26.09)	.984 (24.99)	2.00 (50.80)	.750-20 UNEF	--	4.15 (105.41)	4.51 (114.55)
118	1.027 (26.09)	1.112 (28.24)	0.92 (23.37)	.750-20 UNEF	--	3.15 (80.01)	3.51 (89.15)
119	1.027 (26.09)	1.112 (28.24)	1.92 (48.77)	1.000-20 UNEF	--	4.15 (105.41)	4.51 (114.55)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	CONNECTOR SHELL SIZE				CLAMP SIZE	A (SEE NOTE 6)		STYLE	B ±.125
	AS81703 SER 3	MIL-DTL-26482 SER 2	MIL-DTL-5015 CRIMP	MIL-DTL-83723 SER III		WIRE BUNDLE ACCOMMODATION RANGE			
						MIN	MAX		
120	27	18	18	18	4	.125 (3.18)	.312 (7.92)	1	2.00 (50.80)
121	27	18	18	18	4	.125 (3.18)	.312 (7.92)	1	3.00 (76.20)
122	27	18	18	18	6	.250 (6.35)	.437 (11.10)	1	2.00 (50.80)
123	27	18	18	18	6	.250 (6.35)	.437 (11.10)	1	3.00 (76.20)
124	37	20	20	20	6	.250 (6.35)	.437 (11.10)	1	3.00 (76.20)
125	37	20	20	20	6	.250 (6.35)	.437 (11.10)	1	4.00 (101.60)
126	--	22	22	22	4	.125 (3.18)	.312 (7.92)	1	3.00 (76.20)
127	--	22	22	22	4	.125 (3.18)	.312 (7.92)	1	4.00 (101.60)
128	--	22	22	22	6	.250 (6.35)	.437 (11.10)	1	3.00 (76.20)
129	--	22	22	22	6	.250 (6.35)	.437 (11.10)	1	4.00 (101.60)
130	--	24	24	24	10	.350 (8.89)	.625 (15.88)	1	3.00 (76.20)
131	--	24	24	24	10	.350 (8.89)	.625 (15.88)	1	4.00 (101.60)
132	--	--	36	--	12	.500 (12.70)	.750 (19.05)	1	4.00 (101.60)
133	--	--	36	--	12	.500 (12.70)	.750 (19.05)	1	5.00 (127.00)
134	--	--	40	--	12	.500 (12.70)	.750 (19.05)	1	4.00 (101.60)
135	--	--	40	--	12	.500 (12.70)	.750 (19.05)	1	5.00 (127.00)
136	--	10	10S,10SL	10	6	.250 (6.35)	.375 (9.53)	1	2.00 (50.80)
137	--	10	10S,10SL	10	6	.250 (6.35)	.375 (9.53)	1	3.00 (76.20)
138	7	12	12,12S	12	10	.350 (8.89)	.500 (12.70)	1	2.00 (50.80)
139	7	12	12,12S	12	10	.350 (8.89)	.500 (12.70)	1	3.00 (76.20)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	C REF	D DIA MAX	E REF	V THREAD CLASS 2A	F DIA MAX	G MAX	H MAX
120	1.027 (26.09)	1.218 (30.94)	0.92 (23.37)	.625-24 UNEF	--	3.15 (80.01)	3.51 (89.15)
121	1.027 (26.09)	1.218 (30.94)	1.92 (48.77)	.625-24 UNEF	--	4.15 (105.41)	4.51 (114.55)
122	1.027 (26.09)	1.218 (30.94)	0.92 (23.37)	.750-20 UNEF	--	3.15 (80.01)	3.51 (89.15)
123	1.027 (26.09)	1.218 (30.94)	1.92 (48.77)	.750-20 UNEF	--	4.15 (105.41)	4.51 (114.55)
124	1.027 (26.09)	1.345 (34.16)	1.92 (48.77)	.750-20 UNEF	--	4.15 (105.41)	4.51 (114.55)
125	1.027 (26.09)	1.345 (34.16)	2.92 (74.17)	.750-20 UNEF	--	5.15 (130.81)	5.51 (139.95)
126	1.027 (26.09)	1.468 (37.29)	1.92 (48.77)	.625-24 UNEF	--	4.15 (105.41)	4.51 (114.55)
127	1.027 (26.09)	1.468 (37.29)	2.92 (74.17)	.625-24 UNEF	--	5.15 (130.81)	5.51 (139.95)
128	1.027 (26.09)	1.468 (37.29)	1.92 (48.77)	.750-20 UNEF	--	4.15 (105.41)	4.51 (114.55)
129	1.027 (26.09)	1.468 (37.29)	2.92 (74.17)	.750-20 UNEF	--	5.15 (130.81)	5.51 (139.95)
130	1.027 (26.09)	1.593 (40.46)	1.92 (48.77)	1.000-20 UNEF	--	4.15 (105.41)	4.51 (114.55)
131	1.027 (26.09)	1.593 (40.46)	2.92 (74.17)	1.000-20 UNEF	--	5.15 (130.81)	5.51 (139.95)
132	1.059 (26.90)	2.469 (62.71)	2.92 (74.17)	1.1875-18 UNEF	--	5.32 (135.13)	5.68 (144.27)
133	1.059 (26.90)	2.469 (62.71)	3.92 (99.57)	1.1875-18 UNEF	--	6.32 (160.53)	6.68 (169.67)
134	1.059 (26.90)	2.719 (69.06)	2.92 (74.17)	1.1875-18 UNEF	--	5.16 (131.06)	5.68 (144.27)
135	1.059 (26.90)	2.719 (69.06)	3.92 (99.57)	1.1875-18 UNEF	--	6.16 (156.46)	6.68 (169.67)
136	1.027 (26.09)	.734 (18.64)	1.06 (26.92)	.750-20 UNEF	--	3.15 (80.01)	3.51 (89.15)
137	1.027 (26.09)	.734 (18.64)	2.06 (52.32)	.750-20 UNEF	--	4.15 (105.41)	4.51 (114.55)
138	1.027 (26.09)	.858 (21.79)	1.06 (26.92)	1.000-20 UNEF	--	3.15 (80.01)	3.51 (89.15)
139	1.027 (26.09)	.858 (21.79)	2.06 (52.32)	1.000-20 UNEF	--	4.15 (105.41)	4.51 (114.55)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	CONNECTOR SHELL SIZE				CLAMP SIZE	A (SEE NOTE 6) WIRE BUNDLE ACCOMMODATION RANGE		STYLE	B ±.125
	AS81703 SER 3	MIL-DTL-26482 SER 2	MIL-DTL-5015 CRIMP	MIL-DTL-83723 SER III		MIN	MAX		
	140	37	20	20		20	16		
141	37	20	20	20	16	.625 (15.88)	.904 (22.96)	1	4.00 (101.60)
142	--	22	22	22	20	.875 (22.23)	1.029 (26.14)	1	3.00 (76.20)
143	--	22	22	22	20	.875 (22.23)	1.029 (26.14)	1	4.00 (101.60)
144	--	24	24	24	20	.875 (22.23)	1.144 (29.06)	1	3.00 (76.20)
145	--	24	24	24	20	.875 (22.23)	1.144 (29.06)	1	4.00 (101.60)
146	--	--	36	--	32	1.437 (36.50)	1.840 (46.74)	1	4.00 (101.60)
147	--	--	36	--	32	1.437 (36.50)	1.840 (46.74)	1	5.00 (127.00)
148	--	--	36	--	16	.625 (15.88)	.937 (23.80)	1	4.00 (101.60)
149	--	--	36	--	16	.625 (15.88)	.937 (23.80)	1	5.00 (127.00)
150	12	14	14,14S	14	4	.125 (3.18)	.312 (7.92)	1	2.00 (50.80)
151	12	14	14,14S	14	4	.125 (3.18)	.312 (7.92)	1	3.00 (76.20)
152	19	16	16,16S	16	4	.125 (3.18)	.312 (7.92)	1	2.00 (50.80)
153	19	16	16,16S	16	4	.125 (3.18)	.312 (7.92)	1	3.00 (76.20)
154	--	--	44	--	16	.625 (15.88)	.937 (23.80)	1	4.00 (101.60)
155	--	--	44	--	16	.625 (15.88)	.937 (23.80)	1	5.00 (127.00)
156	--	--	40	--	16	.625 (15.88)	.937 (23.80)	1	4.00 (101.60)
157	--	--	40	--	16	.625 (15.88)	.937 (23.80)	1	5.00 (127.00)

TABLE 1 - DIMENSIONS (CONTINUED)

DASH NO.	C REF	D DIA MAX	E REF	V THREAD CLASS 2A	F DIA MAX	G MAX	H MAX
140	1.156 (29.36)	1.345 (34.16)	1.92 (48.77)	1.4375-18 UNEF	--	4.27 (108.46)	4.63 (117.60)
141	1.156 (29.36)	1.345 (34.16)	2.92 (74.17)	1.4375-18 UNEF	--	5.27 (133.86)	5.63 (143.00)
142	1.375 (34.93)	1.468 (37.29)	1.92 (48.77)	1.750-18 UNS	--	4.49 (114.05)	4.85 (123.19)
143	1.375 (34.93)	1.468 (37.29)	2.92 (74.17)	1.750-18 UNS	--	5.49 (139.45)	5.85 (148.59)
144	1.375 (34.93)	1.593 (40.46)	1.92 (48.77)	1.750-18 UNS	--	4.49 (114.05)	4.85 (123.19)
145	1.375 (34.93)	1.593 (40.46)	2.92 (74.17)	1.750-18 UNS	--	5.49 (139.45)	5.85 (148.59)
146	1.830 (46.48)	2.469 (62.71)	2.92 (74.17)	2.500-16 UN	--	5.93 (150.62)	6.45 (163.83)
147	1.830 (46.48)	2.469 (62.71)	3.92 (99.57)	2.500-16 UN	--	6.93 (176.02)	7.45 (189.23)
148	1.156 (29.36)	2.469 (62.71)	2.92 (74.17)	1.4375-18 UNEF	--	5.26 (133.60)	5.78 (146.81)
149	1.156 (29.36)	2.469 (62.71)	3.92 (99.57)	1.4375-18 UNEF	--	6.26 (159.00)	6.78 (172.21)
150	1.027 (26.09)	.984 (24.99)	0.92 (23.37)	.625-24 UNEF	--	3.15 (80.01)	3.51 (89.15)
151	1.027 (26.09)	.984 (24.99)	1.92 (48.77)	.625-24 UNEF	--	4.15 (105.41)	4.51 (114.55)
152	1.027 (26.09)	1.112 (28.24)	0.92 (23.37)	.625-24 UNEF	--	3.15 (80.01)	3.51 (89.15)
153	1.027 (26.09)	1.112 (28.24)	1.92 (48.77)	.625-24 UNEF	--	4.15 (105.41)	4.51 (114.55)
154	1.156 (29.36)	2.969 (75.41)	2.92 (74.17)	1.4375-18 UNEF	--	5.26 (133.60)	5.78 (146.81)
155	1.156 (29.36)	2.969 (75.41)	3.92 (99.57)	1.4375-18 UNEF	--	6.26 (159.00)	6.78 (172.21)
156	1.156 (29.36)	2.719 (69.06)	2.92 (74.17)	1.4375-18 UNEF	--	5.26 (133.60)	5.78 (146.81)
157	1.156 (29.36)	2.719 (69.06)	3.92 (99.57)	1.4375-18 UNEF	--	6.26 (159.00)	6.78 (172.21)

NOTES:

- DIMENSIONS ARE IN INCHES.
- METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1.00 INCH = 25.4 MM.
- UNLESS OTHERWISE SPECIFIED, TOLERANCE SHALL BE: XX = ± .01; XXX = ± .005; ANGULAR; X° = ± 1°; X°XX' = ± 0° 30'.
- DIMENSIONS APPLY AFTER PLATING.
- LOOSELY ASSEMBLED IS DEFINED AS THE AS85049/42 CLAMP TIGHTENED TO THE AS85049/11 CONNECTOR ACCESSORY BODY A MINIMUM OF TWO FULL THREAD LENGTHS.
- "WIRE BUNDLE ACCOMMODATION RANGE" DIMENSION IS DEFINED AS THE ENVELOPE AREA FOR THE WIRE BUNDLE. THIS DIMENSION IS NOT MEANT TO DEFINE THE CLAMP HARDWARE LIMITS.