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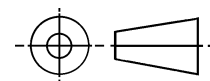
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AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL,
ENVIRONMENTAL, CABLE SEALING, 45 , CATEGORY 1A
(FOR MIL-C-5015 CRIMP, MIL-C-26482 SERIES 2, MIL-C-81703
SERIES 3, AND MIL-C-83723 SERIES III CONNECTORS)

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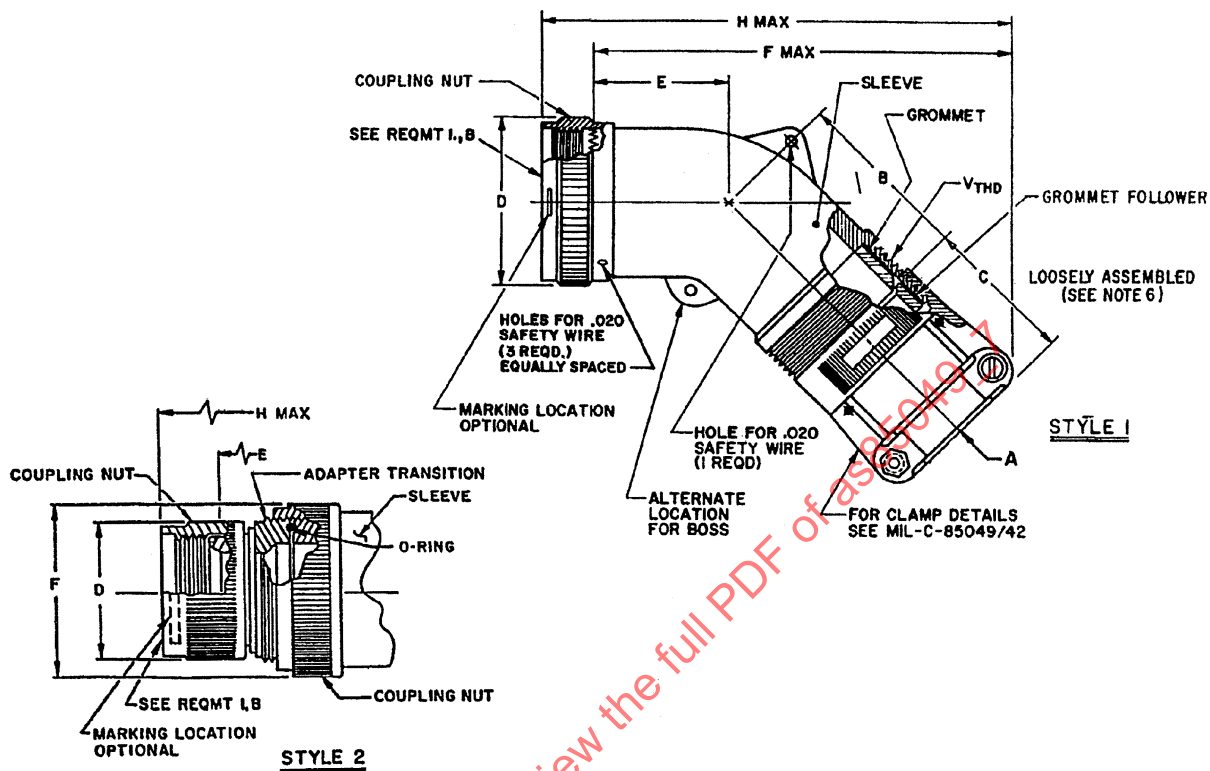


FIGURE 1. CONFIGURATION AND DIMENSIONS.

TABLE I. DIMENSIONS.

Dash No.	Fits Shell of Connector				Clamp Size	A (see note 6) Wire Bundle Accommodation Range		Style	B +.062	C Ref	D Dia Max
	MIL-C-81703 Ser 3	MIL-C-26482 Ser 2	MIL-C-5015 Crimp	MIL-C-83723 Ser III		Min	Max				
1	3				4	.125	.250	1	1.790	1.027	.669
2					6	.250	.437	2	1.910	1.027	.669
3		8	8S	8	4	.125	.250	1	1.182	1.027	.617
4		10	10S, 10SL	10	4	.125	.312	1	1.850	1.027	.734
5					6	.250	.375	1	1.245	1.027	.734
6	7	12	12, 12S	12	4	.125	.312	1	1.910	1.027	.858
7					6	.250	.437	1	1.910	1.027	.858
8					10	.350	.500	1	1.910	1.027	.858
9	12	14	14, 14S	14	6	.250	.437	1	2.000	1.027	.984
10					10	.350	.575	1	1.655	1.027	.984

Dash No.	E +.125	V Thread Class 2A	F Max	G Dia Max	H Max
1	.561	.625-24 UNEF	3.37	-	3.74
2	1.375	.750-20 UNEF	4.33	.858	4.70
3	.500	.625-24 UNEF	2.88	-	3.25
4	.561	.625-24 UNEF	3.41	-	3.78
5	.561	.750-20 UNEF	3.05	-	3.42
6	.625	.625-24 UNEF	3.52	-	3.89
7	.625	.750-20 UNEF	3.58	-	3.95
8	.625	1.000-20 UNEF	3.86	-	4.23
9	.688	.750-20 UNEF	3.71	-	4.08
10	.688	1.000-20 UNEF	3.74	-	4.11

AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL,
ENVIRONMENTAL, CABLE SEALING, 45, CATEGORY 1A
(FOR MIL-C-5015 CRIMP, MIL-C-26482 SERIES 2, MIL-C-81703
SERIES 3, AND MIL-C-83723 SERIES III CONNECTORS)

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TABLE I. DIMENSIONS (CONTINUED).

Dash No.	Fits Shell of Connector				Clamp Size	A (see note 6)		Style	B + .062	C Ref	D Dia Max
	MIL-C-81703 Ser 3	MIL-C-26482 Ser 2	MIL-C-5015 Crimp	MIL-C-83723 Ser III		Wire Bundle Accommodation Range					
						Min	Max				
11	19	16	16,16S	16	6	.250	.437	1	2.110	1.027	1.112
12					12	.500	.700	1	1.750	1.059	1.112
13	27	18	18	18	10	.350	.625	1	2.300	1.027	1.218
14					16	.625	.779	1	1.938	1.156	1.218
15	37	20	20	20	10	.350	.625	1	2.300	1.027	1.345
16					16	.625	.904	1	1.938	1.156	1.345
17		22	22	22	12	.500	.750	1	2.450	1.059	1.468
18					20	.875	1.029	1	2.093	1.375	1.468
19		24	24	24	12	.500	.750	1	2.450	1.059	1.593
20					20	.875	1.144	1	2.093	1.375	1.593

Dash No.	E $\pm .125$	V Thread Class 2A	F Max	G Dia Max	H Max
11	.781	.750-20 UNEF	3.88	-	4.25
12	.781	1.1875-18 UNEF	4.03	-	4.40
13	.968	1.000-20 UNEF	4.48	-	4.85
14	.968	1.4375-18 UNEF	4.49	-	4.86
15	.968	1.000-20 UNEF	4.48	-	4.85
16	.968	1.4375-18 UNEF	4.49	-	4.86
17	1.063	1.1875-18 UNEF	4.81	-	5.18
18	1.063	1.750-18 UNS	4.98	-	5.35
19	1.063	1.1875-18 UNEF	4.81	-	5.18
20	1.063	1.750-18 UNS	4.98	-	5.35

TABLE I. DIMENSIONS (CONTINUED).

Dash No.	Fits Shell of Connector				Clamp Size	A (see note 6)		Style	B +.062	C Ref	D Dia Max
	MIL-C-81703 Ser 3	MIL-C-26482 Ser 2	MIL-C-5015 Crimp	MIL-C-83723 Ser III		Wire Bundle Accommodation Range					
						Min	Max				
21			28		16	.625	.937	1	2.500	1.156	1.969
22					24	1.000	1.375	1	2.156	1.500	1.969
23			32		16	.625	.937	1	2.600	1.156	2.219
24					20	.875	1.250	1	2.600	1.375	2.219
25					28	1.250	1.625	1	2.250	1.781	2.219
26			36		16	.625	.937	1	2.690	1.156	2.469
27					24	1.000	1.375	1	2.690	1.500	2.469
28					32	1.437	1.840	1	2.344	1.830	2.469
29			40		16	.625	.937	1	2.690	1.156	2.719
30					24	1.000	1.375	1	2.690	1.500	2.719

Dash No.	E +.125	V Thread Class 2A	F Max	G Dia Max	H Max
21	1.188	1.4375-18 UNEF	5.11	-	5.64
22	1.188	2.000-18 UNS	5.09	-	5.62
23	1.250	1.4375-18 UNEF	5.24	-	5.77
24	1.250	1.750-18 UNS	5.52	-	6.05
25	1.250	2.250-16 UN	5.73	-	6.26
26	1.281	1.4375-18 UNEF	5.33	-	5.86
27	1.281	2.000-18 UNS	5.56	-	6.09
28	1.281	2.500-16 UN	5.95	-	6.48
29	2.031	1.4375-18 UNEF	6.08	-	6.61
30	2.031	2.000-18 UNS	6.31	-	6.84

TABLE I. DIMENSIONS (CONTINUED).

Dash No.	Fits Shell of Connector				Clamp Size	A (see note 6)		Style	B +.062	C Ref	D Dia Max
	MIL-C-81703 Ser 3	MIL-C-26482 Ser 2	MIL-C-5015 Crimp	MIL-C-83723 Ser III		Wire Bundle Accommodation Range					
						Min	Max				
31			40		32	1.437	1.875	1	2.344	1.830	2.719
32			16		.625	.937	1	2.690	1.156	2.969	
33			44		24	1.000	1.375	1	2.690	1.500	2.969
34					32	1.437	1.875	1	2.344	1.830	2.969
35			48		16	.625	.937	1	2.690	1.156	3.219
36					24	1.000	1.375	1	2.690	1.500	3.219
37					32	1.437	1.875	1	2.344	1.830	3.219
38	61				12	.500	.750	1	2.450	1.059	1.653
39					20	.875	1.184	1	2.093	1.375	1.653
40	19	16	16,16S	16	10	.350	.625	1	2.110	1.027	1.112

Dash No.	E +.125	V Thread Class 2A	F Max	G Dia Max	H Max
31	2.031	2.500-16 UN	6.70	-	7.23
32	2.031	1.437-18 UNEF	6.08	-	6.61
33	2.031	2.000-18 UNS	6.31	-	6.84
34	2.031	2.500-16 UN	6.70	-	7.23
35	2.031	1.4375-18 UNEF	6.08	-	6.61
36	2.031	2.000-18 UNS	6.31	-	6.84
37	2.031	2.500-16 UN	6.70	-	7.23
38	1.063	1.1875-18 UNEF	4.81	-	5.18
39	1.063	1.750-18 UNS	4.98	-	5.35
40	.781	1.000-20 UNEF	4.16	-	4.53

TABLE I. DIMENSIONS (CONTINUED).

Dash No.	Fits Shell of Connector				Clamp Size	A (see note 6) Wire Bundle Accommodation Range		Style	B +.062	C Ref	D Dia Max
	MIL-C-81703 Ser 3	MIL-C-26482 Ser 2	MIL-C-5015 Crimp	MIL-C-83723 Ser III		Min	Max				
41	27	18	18	18	4	.125	.312	1	2.300	1.027	1.218
42					6	.250	.437	1	2.300	1.027	1.218
43	37	20	20	20	6	.250	.437	1	2.300	1.027	1.345
44		22	22	22	4	.125	.312	1	2.450	1.027	1.468
45					6	.250	.437	1	2.450	1.027	1.468
46		24	24	24	10	.350	.625	1	2.450	1.027	1.593
47			36		12	.500	.750	1	2.690	1.059	2.469
48			40		12	.500	.750	1	2.690	1.059	2.719
49			10	10S, 10SL	10	6	.250	.437	2	1.910	1.027
50	12	14	14,14S	14	12	.500	.750	2	2.300	1.059	.984

Dash No.	E +.125	V Thread Class 2A	F Max	G Dia Max	H Max
41	.968	.625-24 UNEF	4.13	-	4.50
42	.968	.750-20 UNEF	4.20	-	4.57
43	.968	.750-20 UNEF	4.20	-	4.57
44	1.063	.625-24 UNEF	4.34	-	4.71
45	1.063	.750-20 UNEF	4.40	-	4.77
46	1.063	1.000-20 UNEF	4.68	-	5.05
47	1.281	1.1875-18 UNEF	5.20	-	5.73
48	2.031	1.1875-18 UNEF	5.95	-	6.48
49	1.375	.750-20 UNEF	4.33	.858	4.70
50	1.717	1.1875-18 UNEF	5.36	1.218	5.73

TABLE I. DIMENSIONS (CONTINUED).

Dash No.	Fits Shell of Connector				Clamp Size	A (see note 6)		Style	B ±.062	C Ref	D Dia Max
	MIL-C-81703 Ser 3	MIL-C-26482 Ser 2	MIL-C-5015 Crimp	MIL-C-83723 Ser III		Wire Bundle Accommodation Range					
						Min	Max				
51	19	16	16,16S	16	16	.625	.937	2	2.450	1.156	1.112
52	27	18	18	18	12	.500	.750	1	2.300	1.059	1.218
53	61				16	.625	.937	1	2.450	1.156	1.653
54	37	20	20	20	12	.500	.750	1	2.300	1.059	1.345
55					20	.875	1.250	2	2.500	1.375	1.345
56		22	22	22	10	.350	.625	1	2.450	1.027	1.468
57					16	.625	.937	1	2.450	1.156	1.468
58					20	.875	1.250	2	2.500	1.375	1.468
59					24	24	24	16	.625	.937	1
60				28		12	.500	.750	1	2.500	1.059

Dash No.	E +.125	V Thread Class 2A	F Max	G Dia Max	H Max
51	1.812	1.4375-18 UNEF	5.70	1.468	6.07
52	.968	1.1875-18 UNEF	4.61	-	4.98
53	1.063	1.4375-18 UNEF	4.95	-	5.32
54	.968	1.1875-18 UNEF	4.61	-	4.98
55	1.936	1.750-18 UNS	6.14	1.969	6.51
56	1.063	1.000-20 UNEF	4.68	-	5.05
57	1.063	1.4375-18 UNEF	4.95	-	5.32
58	1.936	1.750-18 UNS	6.14	1.969	6.51
59	1.063	1.4375-18 UNEF	4.95	--	5.32
60	1.188	1.1875-18 UNEF	4.97	--	5.50

TABLE I. DIMENSIONS (CONTINUED).

Dash No.	Fits Shell of Connector				Clamp Size	A (see note 6) Wire Bundle Accommodation Range		Style	B +.062	C Ref	D Dia Max
	MIL-C-81703 Ser 3	MIL-C-26482 Ser 2	MIL-C-5015 Crimp	MIL-C-83723 Ser III		Min	Max				
61			28		20	.875	1.250	1	2.500	1.375	1.969
62			32		24	1.000	1.375	1	2.600	1.500	2.219
63			36		20	.875	1.250	1	2.690	1.375	2.469
64			36		28	1.250	1.625	1	2.690	1.781	2.469
65			40		20	.875	1.250	1	2.690	1.375	2.719
66			40		28	1.250	1.625	1	2.690	1.781	2.719
67			44		20	.875	1.250	1	2.690	1.375	2.969
68			44		28	1.250	1.625	1	2.690	1.781	2.969
69			48		20	.875	1.250	1	2.690	1.375	3.219
70			48		28	1.250	1.625	1	2.690	1.781	3.219

Dash No.	E +.125	V Thread Class 2A	F Max	G Dia Max	H Max
61	1.188	1.750-18 UNS	5.39	-	5.92
62	1.250	2.000-18 UNS	5.47	-	6.00
63	1.281	1.750-18 UNS	5.62	-	6.15
64	1.281	2.250-16 UN	6.08	-	6.61
65	2.031	1.750-18 UNS	6.37	-	6.90
66	2.031	2.250-16 UN	6.83	-	7.36
67	2.031	1.750-18 UNS	6.37	-	6.90
68	2.031	2.250-16 UN	6.83	-	7.36
69	2.031	1.750-18 UNS	6.37	-	6.90
70	2.031	2.250-16 UN	6.83	-	7.36

TABLE I. DIMENSIONS (CONTINUED).

Dash No.	Fits Shell of Connector				Clamp Size	A (see note 6)		Style	B +.062	C Ref	D Dia Max
	MIL-C-81703 Ser 3	MIL-C-26482 Ser 2	MIL-C-5015 Crimp	MIL-C-83723 Ser III		Wire Bundle Accommodation Range					
						Min	Max				
71	7	12	12,12S	12	10	.350	.625	2	2.110	1.027	.858
72	27	18	18	18	16	.625	.937	2	2.450	1.156	1.218
73		24	24	24	20	.875	1.250	2	2.500	1.375	1.593
74	12	14	14,14S	14	4	.125	.312	1	2.000	1.027	.984
75	19	16	16,16S	16	4	.125	.312	1	2.110	1.027	1.112

Dash No.	E +.125	V Thread Class 2A	F Max	G Dia Max	H Max
71	1.529	1.000-20 UNEF	4.90	1.112	5.27
72	1.812	1.4375-18 UNEF	5.69	1.468	6.06
73	1.936	1.750-18 UNS	6.13	1.969	6.50
74	.688	.625-24 UNEF	3.64	-	4.01
75	.781	.625-24 UNEF	3.81	-	4.18