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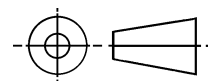
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AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL,
NONENVIRONMENTAL, STRAIGHT, SHIELD TERMINATION,
CATEGORY 3A (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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THE REQUIREMENTS FOR ACQUIRING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION: MIL-C-85049.

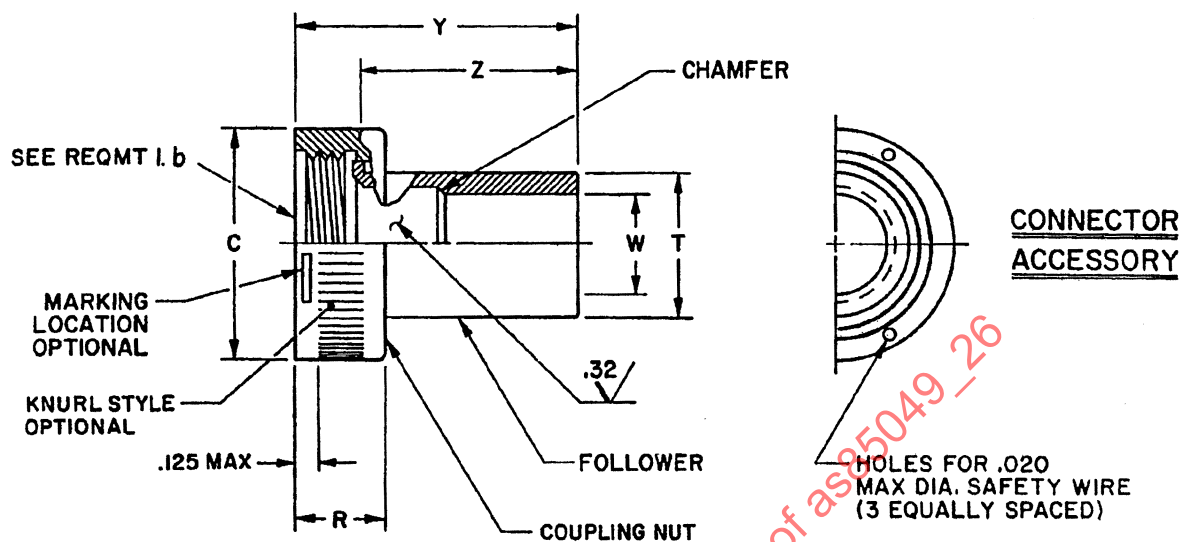


FIGURE 1. CONFIGURATION AND DIMENSIONS.

TABLE I. DIMENSIONS.

Dash Number	For Connection Shell Size (Ref)			MIL-C-83723 Series III	C Dia +.000 -.345
	MIL-C-81703 Series 3	MIL-C-26482 Series 2	MIL-C-5015 Crimp		
-3	3				.669
-8		8	8S	8	.617
-10		10	10S, 10SL	10	.734
-12	7	12	12S&12	12	.858
-14	12	14	14S&14	14	.984
-16	19	16	16S&16	16	1.112
-18	27	18	18	18	1.218
-20	37	20	20	20	1.345
-22		22	22	22	1.468
-24		24	24	24	1.593
-28			28		1.969
-32			32		2.219
-36			36		2.469
-40			40		2.719
-44			44		2.969
-46			48		3.219
-61	61				1.653

Dash Number	R +.000 -.062	T +.010 Dia	W +.015 Dia	Y Max	M85049/26-2 Ring, Shield Crimp (Ref)	Z +.031
-3	.540	.337	.250	1.277	-8	.926
-8	.540	.337	.250	1.277	-8	.926
-10	.540	.488	.325	1.277	-10	.926
-12	.540	.500	.420	1.277	-12	.926
-14	.540	.620	.540	1.277	-14	.926
-16	.540	.750	.670	1.277	-16	.926
-18	.540	.880	.789	1.277	-18	.926
-20	.540	1.000	.914	1.277	-20	.926
-22	.540	1.120	1.039	1.277	-22	.926
-24	.540	1.192	1.112	1.277	-24	.926
-28	.702	1.545	1.389	1.439	-28	.926
-32	.702	1.795	1.635	1.439	-32	.926
-36	.702	2.045	1.850	1.439	-36	.926
-40	.702	2.295	2.065	1.439	-40	.926
-44	.702	2.545	2.320	1.439	-44	.926
-48	.702	2.795	2.570	1.439	-48	.926
-61	.540	1.359	1.210	1.277	-61	.926

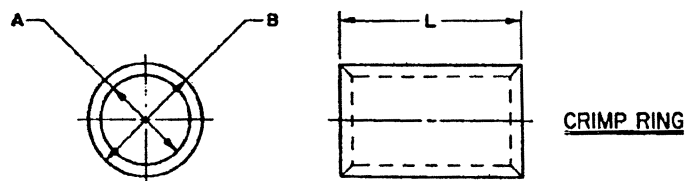


FIGURE 2. CRIMP RING.

TABLE II. DIMENSIONS.

Dash No.	Color Code	A Dia		B Dia		L +.020	For Use With Backshells (Ref)	For Use With Backshells (Ref)	For Use With Backshells (Ref)	Installing Die Cat. No. See Note 5
		Min	Max	Min	Max					
-8	Green	.400	.410	.448	.458	.250	M85049/26-1-8	M85049/20-9	M85049/33-2-8	GS405
-10	Red	.585	.595	.660	.680	.440	M85049/26-1-10	M85049/20-11	M85049/33-2-10	GS590
-12							M85049/26-1-12	M85049/20-13	M85049/33-2-12	GS590
-14	Blue	.705	.715	.780	.800		M85049/26-1-14	M85049/20-15	M85049/33-2-14	GS710
-16	Gray	.835	.845	.910	.930		M85049/26-1-16	M85049/20-17	M85049/33-2-16	GS840
-18	Brown	1.005	1.015	1.080	1.100		M85049/26-1-18	M85049/20-19	M85049/33-2-18	GS1010
-20	Green	1.125	1.135	1.200	1.220		M85049/26-1-20	M85049/20-21	M85049/33-2-20	GS1130
-22	Pink	1.245	1.255	1.320	1.340		M85049/26-1-22	M85049/20-23	M85049/33-2-22	GS1250
-24	Yellow	1.312	1.322	1.387	1.407		M85049/26-1-24	M85049/20-25	M85049/33-2-24	GS1250
-28	Red	1.665	1.675	1.740	1.760		M85049/26-1-28			GS1670
-32	Gray	1.915	1.925	1.990	2.010		M85049/26-1-32			GS1920
-36	Green	2.165	2.175	2.240	2.260		M85049/26-1-36			GS2170
-40	Orange	2.415	2.425	2.490	2.510		M85049/26-1-40			GS2420
-44	Yellow	2.665	2.675	2.740	2.760		M85049/26-1-44			GS2670
-48	Blue	2.915	2.925	2.990	3.010		M85049/26-1-48			GS2920
-61	Purple	1.435	1.445	1.510	1.530		M85049/26-1-61			GS1440

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INCH	mm	INCH	mm	INCH	mm
0.010	0.25	0.910	23.11	1.675	42.55
0.015	0.38	0.914	23.22	1.740	44.20
0.020	0.51	0.926	23.52	1.760	44.70
0.062	1.57	0.930	23.62	1.795	45.59
0.125	3.18	0.984	24.99	1.850	46.99
0.250	6.35	1.000	25.40	1.915	48.64
0.320	8.13	1.005	25.53	1.925	48.89
0.325	8.25	1.015	25.78	1.969	50.01
0.337	8.56	1.039	26.39	1.990	50.55
0.345	8.76	1.080	27.43	2.010	51.05
0.400	10.16	1.100	27.94	2.045	51.94
0.410	10.41	1.112	28.24	2.065	52.45
0.420	10.67	1.120	28.45	2.165	54.99
0.440	11.18	1.125	28.58	2.175	55.24
0.448	11.38	1.135	28.83	2.219	56.36
0.458	11.63	1.192	30.28	2.240	56.90
0.488	12.40	1.200	30.48	2.260	57.40
0.500	12.70	1.210	30.73	2.295	58.29
0.540	13.72	1.218	30.94	2.320	58.93
0.585	14.86	1.220	30.99	2.415	61.34
0.595	15.11	1.245	31.62	2.425	61.59
0.617	15.67	1.255	31.88	2.469	62.71
0.620	15.75	1.277	32.44	2.490	63.25
0.660	16.76	1.320	33.53	2.510	63.75
0.669	16.99	1.340	34.04	2.545	64.64
0.670	17.02	1.345	34.16	2.570	65.28
0.680	17.27	1.359	34.52	2.665	67.69
0.702	17.83	1.389	35.28	2.675	67.95
0.705	17.91	1.435	36.45	2.719	69.06
0.715	18.16	1.439	36.55	2.740	69.60
0.734	18.64	1.445	36.70	2.760	70.10
0.750	19.05	1.468	37.29	2.795	70.99
0.780	19.81	1.510	38.35	2.915	74.04
0.789	20.04	1.530	38.86	2.925	74.29
0.800	20.32	1.545	39.24	2.969	75.41
0.835	21.21	1.593	40.46	2.990	75.95
0.845	21.46	1.635	41.53	3.010	76.45
0.858	21.79	1.653	41.99	3.219	81.76
0.880	22.35	1.665	42.29		

AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL,
NONENVIRONMENTAL, STRAIGHT, SHIELD TERMINATION,
CATEGORY 3A (FOR MIL-C-5015 CRIMP, MIL-C-26482 SERIES 2,
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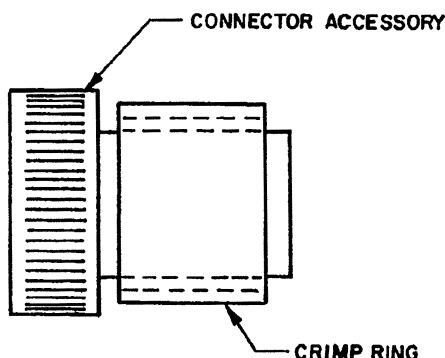


FIGURE 3. CONNECTOR ACCESSORY AND CRIMP RING (GOVERNMENT PROCUREMENT).

REQUIREMENTS:

1. Design and construction:
 - a. Dimensions and configuration: See figures 1 and 2 and table I.
 - b. Interface dimensions shall conform to MIL-C-85049, Figure 4.
 - c. Figure 1 consists of a coupling nut and follower. The coupling nut shall be captivated to and free to rotate on the follower.
2. Material and finish: See table II.
3. Qualification:

See MIL-C-85049, category 3A. The MIL-C-85049/26-2 connector accessory shall be qualified and supplied by the MIL-C-85049/26-1 connector accessory manufacturer. Figure 2 will require examination of product only.

Information pertaining to qualification of products may be obtained from the Commanding Officer, Naval Avionics Center, Attention: Code B/444, 6000 East 21st Street, Indianapolis, IN 46219-2189.

TABLE III. MATERIAL AND FINISH.

Figure	Material	Finish
1	Aluminum alloy in accordance with MIL-C-85049	<u>1</u> / N, <u>2</u> / W
2	Copper, ASTM B75, Type DLP-WW-T-799 Rockwell F-50 max. or OFHC copper, CDA 102 or approved equivalent	Tin plate in accordance with MIL-T-10727 Type 1, color coded per table (see figure 2)
3	Connector Accessory - Aluminum alloy in accordance with MIL-C-85049	<u>1</u> / N, <u>2</u> / W
	Crimp Ring - Copper, ASTM B75, Type DLP-WW-T-799 Rockwell F-50 max. or OFHC copper, CDA 102 or approved equivalent	Tin plate in accordance with MIL-T-10727, Type 1, color coded per table (see figure 2)

- 1/ Not for Navy use. Restricted to Air Force Space applications only.
- 2/ W finish is not for use in space application.