

AS85049/23 Series

EMI/RFI non-environmental backshell - Aluminum & stainless steel 45°

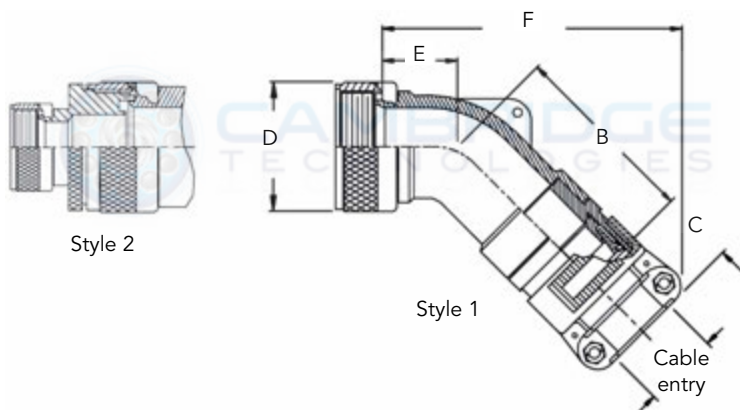
For connectors:

- AS50151 crimp
- EN2997 & EN3646
- MIL-DTL-26482 Series 2
- MIL-DTL-83723 Series 3

Ordering information

Basic Series	M85049/23	11	W
Dash number 3 thru 75			
Material and plating			
W: Aluminum, olive drab cadmium over electroless nickel, 1000 hours salt spray			
N: Aluminum, electroless nickel			
S: Stainless steel, passivated			
B: Stainless steel, black cadmium			

Dimensions



Dash number	Shell size	Style	B $\pm 0.125/3.17$		C reference		Ø D maxi		E $\pm 0.125/3.17$		F maxi		Cable entry mini		Cable entry maxi	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
3	8	1	1.182	30.0	1.027	26.1	0.617	15.67	0.500	12.7	2.52	64.00	0.125	3.2	0.250	6.4
4	10	1	1.850	46.9	1.027	26.1	0.734	18.64	0.561	14.2	3.05	77.46	0.125	3.2	0.312	7.9
5	10	1	1.245	31.6	1.027	26.1	0.734	18.64	0.561	14.2	2.69	68.32	0.250	6.4	0.375	9.5
6	12	1	1.910	48.5	1.027	26.1	0.858	21.79	0.625	15.8	3.16	80.26	0.125	3.2	0.312	7.9
7	12	1	1.910	48.5	1.027	26.1	0.858	21.79	0.625	15.8	3.22	81.78	0.250	6.4	0.437	11.1
8	12	1	1.910	48.5	1.027	26.1	0.858	21.79	0.625	15.8	3.29	83.56	0.350	8.9	0.500	12.7
9	14	1	2.000	50.8	1.027	26.1	0.984	24.99	0.688	17.4	3.35	85.09	0.250	6.4	0.437	11.1
10	14	1	1.655	42.0	1.027	26.1	0.984	24.99	0.688	17.4	3.17	80.51	0.350	8.9	0.575	14.6
11	16	1	2.110	53.5	1.027	26.1	1.112	28.24	0.781	19.8	3.52	89.40	0.250	6.4	0.437	11.1
12	16	1	1.750	44.4	1.059	26.9	1.112	28.24	0.781	19.8	3.43	87.12	0.500	12.7	0.700	17.8
13	18	1	2.300	58.4	1.027	26.1	1.218	30.93	0.968	24.5	3.91	99.31	0.350	8.9	0.625	15.9

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Note: All dimensions are in inches and millimeters (inch/mm). For complete dimensions, see the applicable Military Specification. Cable entry is defined as the envelope area of the cable or wire bundle. It is not intended for inspection criteria.

AS85049/23 Series (continued)
EMI/RFI non-environmental backshell - Aluminum & stainless steel 45°

Dimensions

Dash number	Shell size	Style	B $\pm 0.125/3.17$		C maxi		Ø D maxi		E $\pm 0.125/3.17$		F maxi		Cable entry mini		Cable entry maxi	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
14	18	1	1.938	49.2	1.156	29.4	1.218	30.93	0.968	24.5	3.90	99.05	0.625	15.9	0.779	19.8
15	20	1	2.300	58.4	1.027	26.1	1.345	34.16	0.968	24.5	3.91	99.31	0.350	8.9	0.625	15.9
16	20	1	1.938	49.2	1.156	29.4	1.345	34.16	0.968	24.5	3.90	99.05	0.625	15.9	0.904	23.0
17	22	1	2.450	62.2	1.059	26.9	1.468	37.28	1.063	27.0	4.21	106.93	0.500	12.7	0.750	19.1
18	22	1	2.093	53.1	1.375	34.9	1.468	37.28	1.063	27.0	4.38	111.25	0.875	22.2	1.029	26.1
19	24	1	2.450	62.2	1.069	27.2	1.593	40.46	1.063	27.0	4.21	106.93	0.500	12.7	0.750	19.1
20	24	1	2.093	53.1	1.375	34.9	1.593	40.46	1.063	27.0	4.38	111.25	0.875	22.2	1.144	29.1
21	28	1	2.500	63.5	1.156	33.7	1.969	50.01	1.188	30.1	4.52	114.80	0.625	15.9	0.937	23.8
22	28	1	2.156	54.7	1.500	38.1	1.969	50.01	1.188	30.1	4.72	119.88	1.000	25.4	1.375	34.9
23	32	1	2.600	66.0	1.156	29.4	2.219	56.36	1.250	31.7	4.65	118.11	0.625	15.9	0.937	23.8
24	32	1	2.600	66.0	1.375	34.9	2.219	56.36	1.250	31.7	4.92	124.96	0.875	22.2	1.250	31.8
25	32	1	2.250	57.1	1.781	45.2	2.219	56.36	1.250	31.7	5.19	131.82	1.250	31.8	1.625	41.3
26	36	1	2.690	68.3	1.156	29.4	2.469	62.71	1.281	32.5	4.74	120.39	0.625	15.9	0.937	23.8
27	36	1	2.690	68.3	1.500	38.1	2.469	62.71	1.281	32.5	5.19	131.82	1.000	25.4	1.375	34.9
28	36	1	2.344	59.5	1.830	46.5	2.489	63.22	1.281	32.5	5.41	137.41	1.437	36.5	1.840	46.7
29	40	1	2.690	68.3	1.156	29.4	2.719	69.06	2.031	51.5	5.49	139.44	0.625	15.9	0.937	23.8
30	40	1	2.690	68.3	1.500	38.1	2.719	69.06	2.031	51.5	5.94	150.87	1.000	25.4	1.375	34.9
31	40	1	2.344	59.5	1.830	46.5	2.719	69.06	2.031	51.5	6.16	156.46	1.437	36.5	1.875	47.6
32	44	1	2.690	68.3	1.156	29.4	2.969	75.41	2.031	51.5	5.49	139.44	0.625	15.9	0.937	23.8
33	44	1	2.690	68.3	1.500	38.1	2.969	75.41	2.031	51.5	5.94	150.87	1.000	25.4	1.375	34.9
34	44	1	2.344	59.5	1.830	46.5	2.969	75.41	2.031	51.5	6.16	156.46	1.437	36.5	1.875	47.6
35	48	1	2.690	68.3	1.156	29.4	3.219	81.76	2.031	51.5	5.49	139.44	0.625	15.9	0.937	23.8
36	48	1	2.690	68.3	1.500	38.1	3.219	81.76	2.031	51.5	5.94	150.87	1.000	25.4	1.375	34.9
37	48	1	2.344	59.5	1.830	46.5	3.219	81.76	2.031	51.5	6.16	156.46	1.437	36.5	1.875	47.6
38	61	1	2.450	62.2	1.059	26.9	1.653	41.98	1.063	27.0	4.21	106.93	0.500	12.7	0.750	19.1
39	61	1	2.093	53.1	1.375	34.9	1.653	41.98	1.063	27.0	4.38	111.25	0.875	22.2	1.184	30.1
40	16	1	2.110	53.5	1.027	26.1	1.112	28.24	0.781	19.8	3.59	91.18	0.350	8.9	0.625	15.9
41	18	1	2.300	58.4	1.027	26.1	1.218	30.93	0.968	24.5	3.80	96.52	0.125	3.2	0.312	7.9
42	18	1	2.300	58.4	1.027	26.1	1.218	30.93	0.968	24.5	3.84	97.53	0.250	6.4	0.437	11.1
43	20	1	2.300	58.4	1.027	26.1	1.345	34.16	0.968	24.5	3.84	97.53	0.250	6.4	0.437	11.1
44	22	1	2.450	62.2	1.027	26.1	1.488	37.79	1.063	27.0	3.98	101.09	0.125	3.2	0.312	7.9
45	22	1	2.450	62.2	1.027	26.1	1.468	37.28	1.063	27.0	4.04	102.61	0.250	6.4	0.437	11.1
46	24	1	2.450	62.2	1.027	26.1	1.593	40.46	1.063	27.0	4.11	104.39	0.350	8.9	0.625	15.9
47	36	1	2.690	68.3	1.059	26.9	2.469	62.71	1.281	32.5	4.60	116.83	0.500	12.7	0.750	19.1
48	40	1	2.690	68.3	1.059	26.9	2.719	69.06	2.031	51.5	5.35	135.89	0.500	12.7	0.750	19.1
49	10	2	1.910	48.5	1.027	26.1	0.734	18.64	1.375	34.9	3.97	100.83	0.250	6.1	0.437	11.1

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Dimensions

Dash number	Shell size	Style	B $\pm 0.125/3.17$		C maxi		Ø D maxi		E $\pm 0.125/3.17$		F maxi		Cable entry mini		Cable entry maxi	
			inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
50	14	2	2.300	58.4	1.059	26.9	0.984	24.99	1.717	43.6	4.76	120.90	0.500	12.7	0.750	19.1
51	16	2	2.450	62.2	1.156	29.4	1.112	28.24	1.812	46.0	5.11	129.79	0.625	15.9	0.937	23.8
52	18	1	2.300	58.4	1.059	26.9	1.218	30.93	0.968	24.5	4.01	101.85	0.500	12.7	0.750	19.1
54	20	1	2.300	58.4	1.059	26.9	1.345	34.16	0.968	24.5	4.01	101.85	0.500	12.7	0.750	19.1
55	20	2	2.500	63.5	1.375	34.9	1.345	34.16	1.936	49.1	5.54	140.71	0.875	22.2	1.250	31.8
56	22	1	2.450	62.2	1.027	26.1	1.468	37.28	1.063	27.0	4.11	104.39	0.350	8.9	0.625	15.9
57	22	1	2.450	62.2	1.156	29.4	1.468	37.28	1.063	27.0	4.36	110.74	0.625	15.9	0.937	23.8
58	22	2	2.500	63.5	1.375	34.9	1.468	37.28	1.936	49.1	5.54	140.71	0.875	22.2	1.250	31.8
59	24	1	2.450	62.2	1.156	29.4	1.593	40.46	1.063	27.0	4.36	110.74	0.625	15.9	0.937	23.8
60	28	1	2.500	63.5	1.059	26.9	1.969	50.01	1.188	30.1	4.37	110.99	0.500	12.7	0.750	19.1
61	28	1	2.500	63.5	1.375	34.9	1.969	50.01	1.188	30.1	4.79	121.66	0.875	22.2	1.250	31.8
62	32	1	2.600	66.0	1.500	38.1	2.219	56.36	1.250	31.7	5.10	129.54	1.000	25.4	1.375	34.9
63	36	1	2.690	68.3	1.375	34.9	2.469	62.71	1.281	32.5	5.02	127.50	0.875	22.2	1.250	31.8
64	36	1	2.690	68.3	1.781	45.2	2.469	62.71	1.281	32.5	5.54	140.71	1.250	31.8	1.625	41.3
65	40	1	2.690	68.3	1.375	34.9	2.719	69.06	2.031	51.5	5.77	146.55	0.875	22.2	1.250	31.8
66	40	1	2.690	68.3	1.781	45.2	2.719	69.06	2.031	51.5	6.29	159.76	1.250	31.8	1.625	41.3
67	44	1	2.690	68.3	1.375	34.9	2.969	75.41	2.031	51.5	5.77	146.55	0.875	22.2	1.250	31.8
68	44	1	2.690	68.3	1.781	45.2	2.969	75.41	2.031	51.5	6.29	159.76	1.250	31.8	1.625	41.3
69	48	1	2.690	68.3	1.375	34.9	3.219	81.76	2.031	51.5	5.77	146.55	0.875	22.2	1.250	31.8
70	48	1	2.690	68.3	1.781	45.2	3.219	81.76	2.031	51.5	6.29	159.76	1.250	31.8	1.625	41.3
71	12	2	2.110	53.5	1.027	26.1	0.858	21.79	1.529	38.8	4.33	109.98	0.350	8.9	0.625	15.9
72	18	2	2.450	62.2	1.156	29.4	1.218	30.93	1.812	46.0	5.10	129.54	0.625	15.9	0.937	23.8
73	24	2	2.500	63.5	1.375	34.9	1.593	40.46	1.936	49.1	5.53	140.46	0.875	22.2	1.250	31.8
74	14	1	2.000	50.8	1.027	26.1	0.984	24.99	0.688	17.4	3.28	83.31	0.125	3.2	0.312	7.9
75	16	1	2.110	53.5	1.027	26.1	1.112	28.24	0.781	19.8	3.45	87.63	0.125	3.2	0.312	7.9

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