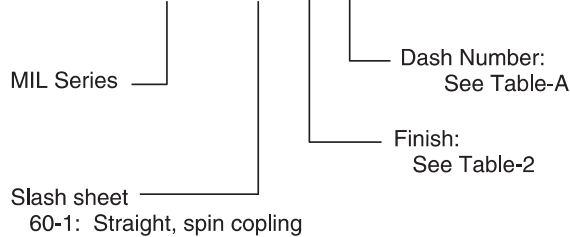


MIL Part Number

M85049 / 60-1 W 18



NOTE: * For more cable entry and length options, contact factory

TABLE - A									
MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C DIA. (MIN)		D DIA. (MAX)	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM
DASH NO									
8	8	0.62	15.67	1.19	30.15	0.25	6.35	0.53	13.54
10	10	0.73	18.64	1.19	30.15	0.36	9.02	0.61	15.37
12	7/12	0.86	21.79	1.19	30.15	0.49	12.47	0.77	19.66
14	12/14	0.98	24.99	1.19	30.15	0.57	14.35	0.84	21.29
16	19/16	1.11	28.24	1.19	30.15	0.69	17.53	0.96	24.46
18	27/18	1.22	30.94	1.19	30.15	0.77	19.53	1.04	26.47
20	37/20	1.35	34.16	1.19	30.15	0.89	22.71	1.22	30.91
22	22	1.47	37.29	1.19	30.15	1.02	25.88	1.36	34.42
24	24	1.59	40.46	1.19	30.15	1.13	28.80	1.44	36.65
28	28	1.97	50.01	1.51	38.38	1.37	34.77	1.71	43.41
32	32	2.22	56.36	1.51	38.38	1.62	41.02	1.92	48.74
36	36	2.47	62.71	1.51	38.38	1.83	46.48	2.17	55.09
40	40	2.72	69.06	1.51	38.38	2.05	51.94	2.40	61.01
44	44	2.97	75.41	1.51	38.38	2.30	58.42	2.66	67.49
48	48	3.22	81.76	1.51	38.38	2.55	64.77	2.91	73.84

Table Continued

FINISH (TABLE-2)

Amphenol offers adaptors in the following standard finishes, which are not exhaustive. For additional finishes specially required if any, please contact factory. The base material is Aluminium alloy.

Table-2 (Plating Finishes)

Amphenol Designation	MIL designation	Finish	Guiding specifications/Requirements
A	A	Anodize,Black*	To meet AS85049 requirements
B		Anodize,Hard*	AMS-A-8625,Type-III,Class-1
L		Nickel,Bright	AMS-QQ-290,Class-1,Grade-F
M		Electroless Nickel	AMS-C-26074,Class-4,grade-B
N	N	Electroless Nickel	To meet AS85049 requirements
C		Cadmium,Bright	AMS-QQ-P-416,Type-I,Class-2
U		Cadmium,Olive drab	AMS-QQ-P-416,Type-II,Class-3
V		Cadmium,Olive drab over Electroless Nickel	AMS-QQ-P-416,Type-II,Class-3(Cadmium); AMS-C-26074,Class-4,grade-B(Nickel)
W	W	Cadmium,Olive drab over Electroless Nickel	To meet AS85049 requirements
Y		Zinc-Cobalt,Dark Olive drab	ASTM-B840
Z		Zinc-Cobalt,Black	ASTM-B840

* Non conductive coatings.

MATERIAL:

Aluminum parts: As per ASTM B 211,221,209,85,26
 Steel parts: 300series,as per AMS-QQ-S-763/ASTM A 582
 Elastomers: Fluro Silicon, Silicon
 Other parts: Suitable corrosion resistant material

MIL (QPL) Qualification

Many Amphenol Backshells are qualified to SAE-AS 85049 standard. Qualification status of each item shown in this catalogue may change and therefore please check with us or refer "Qualified Product List" to know our exact qualification status at any time. A valid offer for a MIL part Number at any time from Amphenol will only constitute our claim of approval validity.