

TABLE 28

SHELL SIZE	'C' DIA MIN	'D' DIA MAX
9	.250 (6.35)	.533 (13.54)
11	.375 (9.53)	.605 (15.37)
13	.500 (12.70)	.774 (19.66)
15	.625 (15.88)	.838 (21.29)
17	.750 (19.05)	.963 (24.46)
19	.812 (20.62)	1.042 (26.47)
21	.937 (23.80)	1.217 (30.91)
23	1.062 (26.97)	1.355 (34.42)
25	1.188 (30.18)	1.443 (36.65)

TABLE 29

SHELL SIZE	CABLE RANGE	
	MIN	MAX
9	.098 (2.49)	.234 (5.94)
11	.153 (3.89)	.234 (5.94)
13	.190 (4.83)	.328 (8.33)
15	.260 (6.60)	.457 (11.61)
17	.283 (7.19)	.634 (16.10)
19	.325 (8.26)	.614 (15.60)
21	.343 (8.71)	.698 (17.73)
23	.381 (9.68)	.823 (20.90)
25	.418 (10.62)	.853 (21.67)

TABLE 30

SHELL SIZE	CONNECTOR INTERFACE THREAD SIZE
9	M12 x 1.0-6H
11	M15 x 1.0-6H
13	M18 x 1.0-6H
15	M22 x 1.0-6H
17	M25 x 1.0-6H
19	M28 x 1.0-6H
21	M31 x 1.0-6H
23	M34 x 1.0-6H
25	M37 x 1.0-6H

## Finish Designators

TABLE 31: FINISH DESIGNATOR

DESIGNATOR	FINISH	DESCRIPTION
A	BLACK ANODIZE	MIL-A-8625, TYPE II
B	BLACK CADMIUM	QQ-P-416, TYPE II, CLASS 3
N	ELECTROLESS NICKEL	MIL-C-26074, CLASS 3 OR 4, GRADE B*
W	CADMIUM	OLIVE DRAB OVER SUITABLE UNDERPLATE
S	PASSIVATE	QQ-P-35

\* RESTRICTED TO SPACE APPLICATIONS.

NOTE:  
METRIC CONVERSIONS IN PARENTHESES.

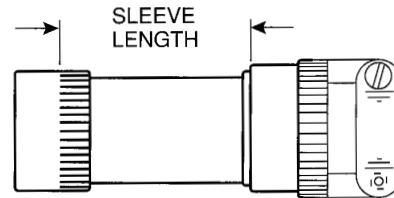


## Interface Accessories For: MIL-C-38999 SERIES I AND II

### M85049/17

STRAIGHT BACKSHELL, ENVIRONMENTAL, SHIELD TERMINATION.

M85049/17 24 W 10 A  
 ———— LENGTH CODE (TABLE 13)  
 ———— CLAMP SIZE (TABLE 12)  
 ———— FINISH DESIGNATOR (AVAILABLE IN N & W;  
 TABLE 31, PAGE 21)  
 ———— SHELL SIZE (TABLES 11 & 14)



### M85049/36 (PART NO. AS PER M85049/17)

STRAIGHT BACKSHELL, NONENVIRONMENTAL, SHIELD TERMINATION.

### M85049/29 (PART NO. AS PER M85049/17)

STRAIGHT BACKSHELL, NONENVIRONMENTAL, STRAIN RELIEF.  
(AVAILABLE IN A, N & W FINISH. SEE TABLE 31, PAGE 21)

### M85049/27

STRAIGHT BACKSHELL, NONENVIRONMENTAL, SELF-LOCKING AND  
NONSELF-LOCKING.

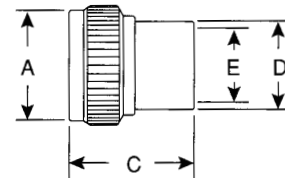
M85049/27 10 N  
 ———— FINISH DESIGNATOR (AVAILABLE IN N & W;  
 TABLE 31, PAGE 21)  
 ———— DASH NUMBER (TABLE 14)  
 ———— '-' FOR NONSELF-LOCKING  
 ———— 'S' FOR SELF-LOCKING



### M85049/33-2

STRAIGHT BACKSHELL, NONENVIRONMENTAL, SHIELD TERMINATION.

M85049/33-2 -10 W  
 ———— FINISH DESIGNATOR (AVAILABLE IN N & W;  
 TABLE 31, PAGE 21)  
 ———— DASH NUMBER (TABLES 14 & 15)



**TABLE 11: DASH NUMBER**

ACCESSORY SHELL SIZE	CONNECTOR SHELL SIZE		CLAMP SIZE	
	SERIES I	SERIES II	MIN	MAX
08	9	8	01	02
10	11	10	01	03
12	13	12	02	04
14	15	14	02	05
16	17	16	02	06
18	19	18	03	07
20	21	20	03	08
22	23	22	03	09
24	25	24	04	10

**TABLE 12: CLAMP SIZE**

CLAMP SIZE	CABLE RANGE	
	MIN	MAX
01	.062 (1.57)	.125 (3.18)
02	.125 (3.18)	.250 (6.35)
03	.250 (6.35)	.375 (9.53)
04	.375 (9.53)	.500 (12.70)
05	.500 (12.70)	.625 (15.88)
06	.625 (15.88)	.750 (19.05)
07	.750 (19.05)	.875 (22.23)
08	.875 (22.23)	1.000 (25.40)
09	1.000 (25.40)	1.125 (28.58)
10	1.125 (28.58)	1.250 (31.75)

NOTE:  
METRIC CONVERSIONS IN PARENTHESES.

**TABLE 13: SLEEVE LENGTH**

SLEEVE LENGTH		
SHELL SIZE	CODE	LENGTH
8-24	STANDARD	1.5 (38.1)
8-24	A	2.5 (63.5)
14-24	B	3.5 (88.9)
20-24	C	4.5 (114.3)

NOTE:  
METRIC CONVERSIONS IN PARENTHESES.

**TABLE 14: DASH NUMBER**

ACCESSORY SHELL SIZE	DASH NUMBER	CONNECTOR INTERFACE THREAD SIZE
08	8	.438-28
10	10	.562-24
12	12	.687-24
14	14	.812-20
16	16	.937-20
18	18	1.062-18
20	20	1.187-18
22	22	1.312-18
24	24	1.437-18

**TABLE 15: DASH NUMBER**

DASH NUMBER	CONNECTOR SHELL SIZE		'A' DIA MAX	'C' MAX	'D' DIA ± .010	'E' ± .015 CABLE ENTRY
	SERIES I	SERIES II				
08	9	8	.75 (19.05)	1.14 (28.96)	.337 (8.56)	.250 (6.35)
10	11	10	.85 (21.59)	1.14 (28.96)	.488 (12.40)	.325 (8.26)
12	13	12	1.00 (25.40)	1.14 (28.96)	.500 (12.70)	.420 (10.67)
14	15	14	1.10 (27.94)	1.14 (28.96)	.620 (15.75)	.540 (13.72)
16	17	16	1.25 (31.75)	1.14 (28.96)	.750 (19.05)	.670 (17.02)
18	19	18	1.40 (35.56)	1.14 (28.96)	.880 (22.35)	.789 (20.04)
20	21	20	1.50 (38.10)	1.14 (28.96)	1.000 (25.40)	.914 (23.22)
22	23	22	1.65 (41.91)	1.14 (28.96)	1.120 (28.45)	1.039 (26.39)
24	25	24	1.75 (44.95)	1.14 (28.96)	1.192 (30.28)	1.112 (28.24)

NOTE:  
METRIC CONVERSIONS IN PARENTHESES.



# Interface Accessories For:

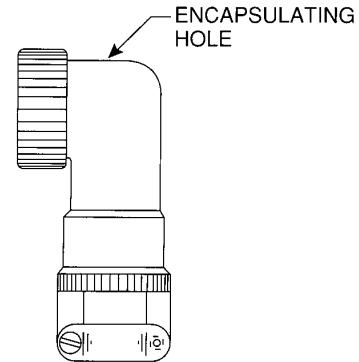
## MIL-C-38999 SERIES I AND II

### M85049/37

90° SPLIT BACKSHELL, NONENVIRONMENTAL, EMI/RFI, SHIELD TERMINATION.

M85049/37 24 W 09 L

- L HOLE OPTION: L-ENCAPSULATING HOLE, D-3 DRAIN HOLES
- W CLAMP SIZE (TABLE 17)
- FINISH DESIGNATOR (AVAILABLE IN N & W; TABLE 31, PAGE 21)
- SHELL SIZE (TABLES 16 & 19)

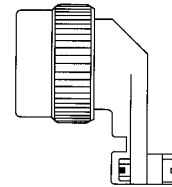


### M85049/47

90° STRAIN RELIEF, SELF-LOCKING, NONSELF-LOCKING.

M85049/47 W 12

- 12 DASH NUMBER (TABLES 18 & 19)
- FINISH DESIGNATOR (AVAILABLE IN N & W; TABLE 31, PAGE 21)
- 'S' FOR SELF-LOCKING

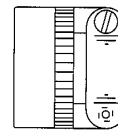


### M85049/49-2

STRAIGHT STRAIN RELIEF, SELF-LOCKING, NONSELF-LOCKING.

M85049/49-2 10 W

- W FINISH DESIGNATOR (AVAILABLE IN A, N, S & W; TABLE 31, PAGE 21)
- 10 DASH NUMBER (TABLES 18 & 19)
- '-' FOR NONSELF-LOCKING
- 'S' FOR SELF-LOCKING

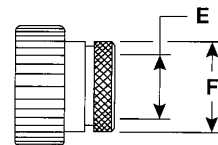


### M85049/62

SHRINK BOOT ADAPTER.

M85049/62 -10 W D

- D DRAIN HOLE OPTION (IF REQUIRED)
- FINISH DESIGNATOR (AVAILABLE IN A, N & W; TABLE 31, PAGE 21)
- DASH NUMBER (TABLES 19 & 20)



**TABLE 16: SHELL SIZE**

SHELL SIZE	CONNECTOR SHELL SIZE		CLAMP SIZE	
	SERIES I	SERIES II	MIN	MAX
8	9	8	01	02
10	11	10	01	03
12	13	12	02	04
14	15	14	02	05
16	17	16	02	06
18	19	18	03	06
20	21	20	03	07
22	23	22	03	08
24	25	24	04	09

**TABLE 17: CLAMP SIZE**

CLAMP SIZE	CABLE RANGE	
	MIN	MAX
01	.062 (1.57)	.125 (3.18)
02	.125 (3.18)	.250 (6.35)
03	.250 (6.35)	.375 (9.53)
04	.312 (7.92)	.500 (12.70)
05	.437 (11.10)	.625 (15.88)
06	.562 (14.27)	.750 (19.05)
07	.687 (17.45)	.875 (22.23)
08	.812 (20.62)	1.000 (25.40)
09	.937 (23.80)	1.125 (28.58)

NOTE:  
METRIC CONVERSIONS IN PARENTHESES.

**TABLE 18: DASH NUMBER**

DASH NUMBER	SHELL SIZE		CABLE ENTRY	
	SERIES I	SERIES II	MIN	MAX
8	9	8	.098 (2.49)	.234 (5.94)
10	11	10	.153 (3.89)	.234 (5.94)
12	13	12	.190 (4.83)	.328 (8.33)
14	15	14	.260 (6.60)	.457 (11.61)
16	17	16	.283 (7.19)	.634 (16.10)
18	19	18	.325 (8.26)	.614 (15.60)
20	21	20	.343 (8.71)	.698 (17.73)
22	23	22	.381 (9.68)	.823 (20.90)
24	25	24	.418 (10.62)	.853 (21.67)

NOTE:  
METRIC CONVERSIONS IN PARENTHESES. TABLE 24: SHELL SIZE

**TABLE 19**

SHELL SIZE/ DASH NO.	CONNECTOR INTERFACE THREAD SIZE
8	.437-28
10	.562-24
12	.688-24
14	.812-20
16	.937-20
18	1.062-18
20	1.187-18
22	1.312-18
24	1.437-18

**TABLE 20**

DASH NUMBER	CONNECTOR SHELL SIZE		'E' MIN	'F' MAX
	SERIES I	SERIES II		
08	9	8	.250 (6.35)	.533 (13.54)
10	11	10	.375 (9.53)	.605 (15.37)
12	13	12	.500 (12.70)	.774 (19.66)
14	15	14	.625 (15.88)	.838 (21.29)
16	17	16	.750 (19.05)	.963 (24.46)
18	19	18	.812 (20.63)	1.042 (26.47)
20	21	20	.937 (23.80)	1.217 (30.91)
22	23	22	1.062 (26.98)	1.355 (34.42)
24	25	24	1.188 (30.18)	1.443 (36.65)

NOTE:  
METRIC CONVERSIONS IN PARENTHESES.



# Interface Accessories For:

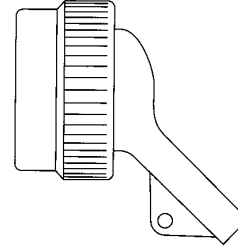
## MIL-C-38999 SERIES I AND II

### M85049/57

45° TIE MOUNT STRAIN RELIEF, SELF LOCKING.

M85049/57 10 W

- FINISH DESIGNATION (AVAILABLE IN A, N & W; TABLE 31, PAGE 21)
- SHELL SIZE (TABLE 21)
- 'S' FOR SELF-LOCKING
- 'G' FOR SELF-LOCKING WITH GROUNDING LUG



### M85049/63

90° TIE MOUNT STRAIN RELIEF, SELF-LOCKING WITH GROUNDING LUG.

M85049/63 G 10 W

- FINISH DESIGNATION (AVAILABLE IN A, N & W; TABLE 31, PAGE 21)
- SHELL SIZE (TABLE 21)
- SELF-LOCKING WITH GROUNDING LUG

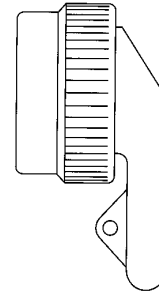


TABLE 21

DASH NUMBER	CONNECTOR SHELL SIZE		MAX CABLE ENTRY	CONNECTOR INTERFACE THREAD SIZE
	SERIES I	SERIES II		
8	9	8	.264 (6.71)	.437-28
10	11	10	.392 (9.96)	.562-24
12	13	12	.506 (12.85)	.687-24
14	15	14	.631 (16.03)	.812-20
16	17	16	.756 (19.20)	.937-20
18	19	18	.845 (21.46)	1.062-18
20	21	20	.970 (24.64)	1.187-18
22	23	22	1.095 (27.81)	1.312-18
24	25	24	1.220 (30.99)	1.437-18

NOTE:  
METRIC CONVERSIONS IN PARENTHESES.