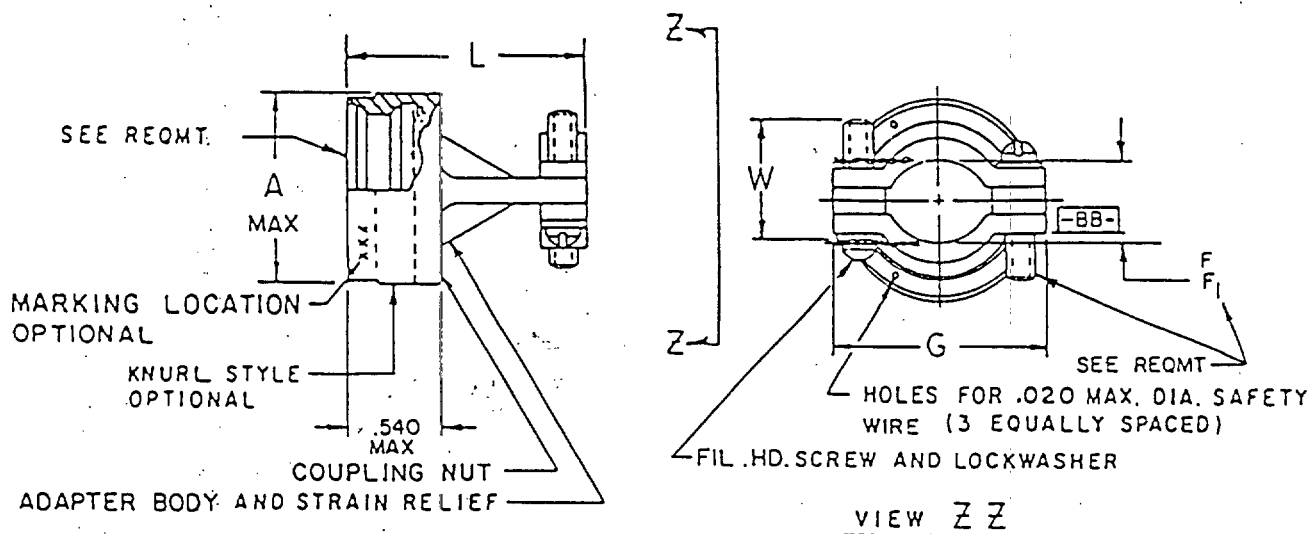


MILITARY SPECIFICATION SHEET

CONNECTOR ACCESSORIES, ELECTRICAL, STRAIN RELIEF, STRAIGHT,
 CATEGORY 4B (FOR MIL-C-38999 SERIES III AND IV CONNECTORS)

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The complete requirements for acquiring the accessories described herein shall consist of this specification sheet and the latest issue of MIL-C-85049.



(A)

FIGURE 1. Configuration and dimensions.

(A) denotes changes

(A)

Shell size	A MAX DIA. of coupling ring	F MAX CLOSED	F ₁ MIN FULL OPEN	G MAX	L MAX	W *.032 screw length	Screw size
9	.75 (19.1)	.082 (2.08)	.234 (5.94)	.85 (21.6)	1.10 (27.9)	.500 (12.7)	6-32
11	.85 (21.6)	.082 (2.08)	.234 (5.94)	.90 (22.9)	1.10 (27.9)	.500 (12.7)	6-32
13	1.00 (25.4)	.114 (2.90)	.328 (8.33)	1.10 (27.9)	1.20 (30.5)	.625 (15.88)	6-32
15	1.10 (27.9)	.176 (4.47)	.457 (11.61)	1.15 (29.2)	1.25 (31.8)	.750 (19.05)	6-32
17	1.25 (31.8)	.238 (6.05)	.634 (16.10)	1.30 (33.0)	1.35 (34.3)	.750 (19.05)	6-32
19	1.40 (35.6)	.208 (5.28)	.614 (15.60)	1.50 (38.1)	1.60 (40.6)	.750 (19.05)	8-32
21	1.50 (38.1)	.302 (7.67)	.698 (17.73)	1.60 (40.6)	1.70 (43.2)	.875 (22.23)	8-32
23	1.65 (41.9)	.302 (7.67)	.823 (20.90)	1.70 (43.2)	1.85 (47.0)	1.000 (25.40)	8-32
25	1.75 (44.5)	.332 (8.43)	.853 (21.67)	1.80 (45.7)	1.95 (49.5)	1.125 (28.58)	8-32

NOTES:

1. Dimensions are in inches.
2. Dimensions apply after plating.
3. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.

FIGURE 1. Configuration and dimensions - Continued.

REQUIREMENTS:

Design and construction:

Dimensions and configuration: See figure 1.

Interface dimensions shall conform to MIL-C-38999 series III and IV.

The coupling nut shall be captivated to the adapter body and free to rotate.

(A) Figure 1 dimension F_1 is applicable when the end of screw is flush with -BB-.

(A) Material:

Adapter body, coupling nut, and saddle bars - Aluminum alloy in accordance with MIL-C-85049.

Clamp screws and lockwashers - Corrosion resisting steel, passivate.

(A) Finish: In accordance with MIL-C-85049.

A - Black anodize

Part number: . See example below:

	M85049/	38	-	11	A
Military designator	_____	_____		_____	_____
Specification sheet	_____	_____		_____	_____
Shell size	_____	_____		_____	_____
Finish	_____	_____		_____	_____

QUALIFICATION: See MIL-C-85049, category 4B.

(A) QPL evaluating activity: Naval Avionics Center, Code D/714, 6000 East 21st Street, Indianapolis, Indiana 46218.

Custodians:

Army - CR
Navy - AS
Air Force - 85

Preparing activity:

Air Force - 85

(Project 5935-3294-5)

Review activities:

Army - AR, MI
Navy - EC
Air Force - 11, 15, 17, 19, 99
DLA - ES

User activity:

Army - AV

Agent:

DLA - ES