

AS85049/56 and AS85049/57
Straight and 45° Qwik-Ty Strain Reliefs
 Optional Self-Locking • Optional Ground Lug



AS85049

CONNECTOR DESIGNATOR:

F MIL-DTL-38999 Series I and II

Configuration

N = Non-Detented
G = Self-Locking with Ground Lug
H = Non-Detented with Ground Lug
S = Self-Locking without Ground Lug
 — = Non Self-Locking

Finish

A = Anodize, Black
N = Electroless Nickel
W = 1,000 Hour Cadmium Olive Drab over Electroless Nickel
X = Nickel Fluorocarbon Polymer
Y = Pure Dense Electrodeposited Aluminum
Z = Zinc-Nickel, Black

Basic Part Number

M85049/56 = Straight
M85049/57 = 45°

M85049/57

G

16

W

**OPTIONAL
SELF-LOCKING
COUPLING**

B

Shell
Size

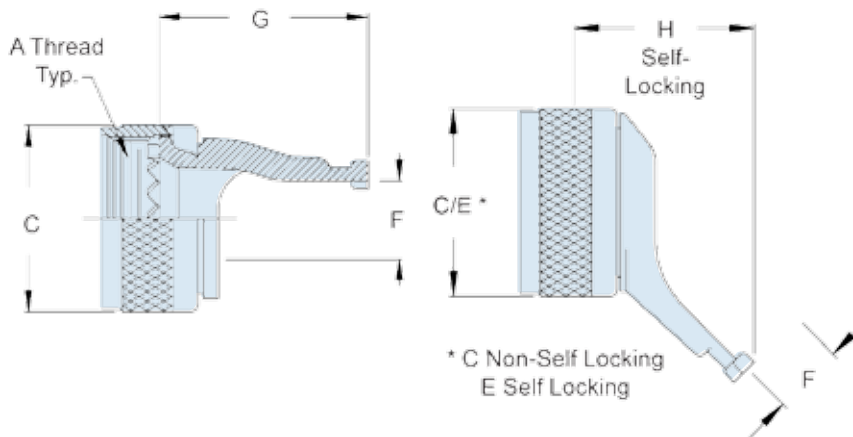


TABLE I: Shell Size, Thread, Cable Entry and Backshell Dimensions

Shell Size Series II	Series I Shell Size Ref.	A Thread Class 2B	C Dia Max	E Dia Max	F Cable Entry	G Max	H Max
8	9	.438-28 UNEF	.750 (19.1)	.860 (21.8)	.264 (6.7)	.895 (22.7)	1.210 (30.7)
10	11	.562-24 UNEF	.850 (21.6)	.980 (24.9)	.392 (10.0)	.895 (22.7)	1.210 (30.7)
12	13	.688-24 UNEF	1.000 (25.4)	1.160 (29.5)	.506 (12.9)	.955 (24.3)	1.390 (35.3)
14	15	.813-20 UNEF	1.100 (27.9)	1.280 (32.5)	.631 (16.0)	1.135 (28.8)	1.390 (35.3)
16	17	.938-20 UNEF	1.250 (31.8)	1.410 (35.8)	.756 (19.2)	1.135 (28.8)	1.390 (35.3)
18	19	1.063-18 UNEF	1.400 (35.6)	1.520 (38.6)	.845 (21.5)	1.195 (30.4)	1.390 (35.3)
20	21	1.188-18 UNEF	1.500 (38.1)	1.640 (41.7)	.970 (24.6)	1.325 (33.7)	1.390 (35.3)
22	23	1.313-18 UNEF	1.650 (41.9)	1.770 (45.0)	1.095 (27.8)	1.445 (36.7)	1.390 (35.3)
24	25	1.438-18 UNEF	1.750 (44.5)	1.890 (48.0)	1.220 (31.0)	1.585 (40.3)	1.390 (35.3)

APPLICATION NOTES

1. Assembly identified with manufacturer's name and part number, space permitting.
2. For complete dimensions, see the applicable Military Specification.
3. Cable entry is defined as the accommodation range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
4. Metric dimensions (mm) are in parentheses.

Dimensions in inches (millimeters) and are subject to change without notice.

Mouser Electronics

Authorized Distributor

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Glenair:

M85049/57S24N	M85049/55G22W	M85049/55G-08W	M85049/55S16W	M85049/56-08W	M85049/57S12W
M85049/57S16W	M85049/55-03N	M85049/55-24N	M85049/55G08N	M85049/55G10N	M85049/55G12N
M85049/55G14N	M85049/55G16N	M85049/55G18N	M85049/55G20N	M85049/55G22N	M85049/55G24N
M85049/55G28N	M85049/55H08A	M85049/55H08N	M85049/55H08W	M85049/55H10A	M85049/55H10N
M85049/55H10W	M85049/55H12A	M85049/55H12N	M85049/55H12W	M85049/55H14A	M85049/55H14N
M85049/55H14W	M85049/55H16A	M85049/55H16N	M85049/55H16W	M85049/55H18A	M85049/55H18N
M85049/55H18W	M85049/55H20A	M85049/55H20N	M85049/55H20W	M85049/55H22A	M85049/55H22N
M85049/55H22W	M85049/55H24A	M85049/55H24N	M85049/55H24W	M85049/55H28A	M85049/55H28N
M85049/55H28W	M85049/55N08A	M85049/55N08N	M85049/55N08W	M85049/55N10A	M85049/55N10N
M85049/55N10W	M85049/55N12A	M85049/55N12N	M85049/55N12W	M85049/55N14A	M85049/55N14N
M85049/55N14W	M85049/55N16A	M85049/55N16N	M85049/55N16W	M85049/55N18A	M85049/55N18N
M85049/55N18W	M85049/55N20A	M85049/55N20N	M85049/55N20W	M85049/55N22A	M85049/55N22N
M85049/55N22W	M85049/55N24A	M85049/55N24N	M85049/55N24W	M85049/55N28A	M85049/55N28N
M85049/55N28W	M85049/55S08A	M85049/55S08N	M85049/55S10N	M85049/55S12N	M85049/55S14N
M85049/55S16A	M85049/55S16N	M85049/55S18A	M85049/55S20A	M85049/55S20N	M85049/55S22A
M85049/55S24A	M85049/55S24N	M85049/55S28A	M85049/55S28N	M85049/55T08A	M85049/55T08N
M85049/55T08W	M85049/55T10A	M85049/55T10N	M85049/55T10W		