



AS85049/53, AS85049/54 and AS85049/55 Straight, 45° and 90° Qwik-Ty Strain Reliefs Optional Self-Locking • Optional Ground Lug

CONNECTOR DESIGNATOR:

A

AS50151 Series AS34001
MIL-DTL-26482 Series II
AS81703 Series III
MIL-DTL-83723 Series I and III
40M39569, DEF 5326-3, EN2997
EN3646, ESC 10, ESC 11, LN 29504
NFC93422 Series HE302
PAN 6432-1, PAN 6432-2, PATT 602

Configuration

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

Shell Size

Finish

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

M85049/55**G****22****N**

OPTIONAL SELF-LOCKING COUPLING

Basic Part Number

M85049/53 = Straight
M85049/54 = 45°
M85049/55 = 90°

FOR NEW DESIGN APPLICATIONS USE
M85049/43 (45°), M85049/51 (90°) and M85049/52 (Straight)

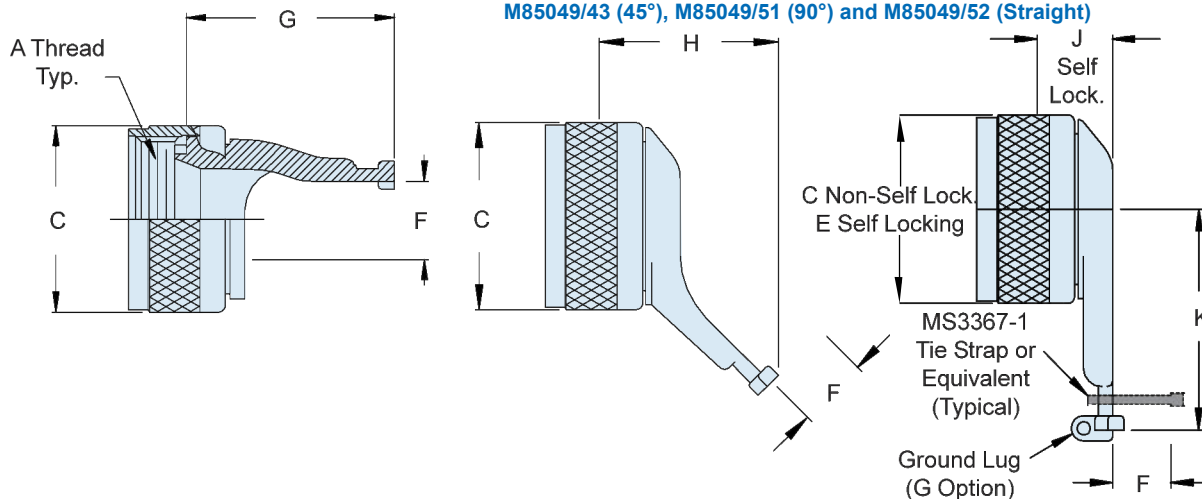


TABLE I: Shell Size, Thread, Cable Entry and Backshell Dimensions

Shell Size	A Thread Class 2B	C Dia Max	E Dia Max	F Cable Entry	G Max	H Max	J Max	K Max
03	.562 - 24 UNEF	.780 (19.8)	1.010 (25.7)	.260 (6.6)	.954 (24.0)	1.232 (31.3)	.730 (18.5)	1.290 (32.8)
08	.500 - 20 UNF	.660 (16.8)	.890 (22.6)	.260 (6.6)	.954 (24.0)	1.232 (31.3)	.730 (18.5)	1.290 (31.0)
10	.625 - 24 UNEF	.780 (19.8)	1.010 (25.7)	.365 (9.3)	.954 (24.0)	1.232 (31.3)	.730 (18.5)	1.290 (32.8)
12	.750 - 20 UNEF	.940 (23.9)	1.140 (29.0)	.501 (12.7)	.954 (24.0)	1.232 (31.3)	.730 (18.5)	1.620 (41.1)
14	.875 - 20 UNEF	1.050 (26.7)	1.260 (32.0)	.575 (14.6)	1.204 (30.6)	1.232 (31.3)	.730 (18.5)	1.660 (42.2)
16	1.000 - 20 UNEF	1.240 (31.5)	1.390 (35.3)	.700 (17.8)	1.204 (30.6)	1.232 (31.3)	.730 (18.5)	1.720 (43.7)
18	1.062 - 18 UNEF	1.380 (35.1)	1.510 (38.4)	.779 (19.8)	1.204 (30.6)	1.232 (31.3)	.730 (18.5)	1.720 (43.7)
20	1.188 - 18 UNEF	1.500 (38.1)	1.640 (41.7)	.904 (23.0)	1.310 (33.3)	1.482 (37.6)	.750 (19.1)	1.790 (45.5)
22	1.313 - 18 UNEF	1.630 (41.4)	1.760 (44.7)	1.029 (26.1)	1.430 (36.3)	1.482 (37.6)	.750 (19.1)	1.850 (47.0)
24	1.438 - 18 UNEF	1.750 (44.5)	1.890 (48.0)	1.144 (29.1)	1.560 (39.6)	1.482 (37.6)	.750 (19.1)	1.910 (48.5)
28	1.750 - 18 UNS	1.970 (50.0)	2.140 (54.4)	1.379 (35.0)	1.560 (39.6)	1.469 (37.3)	.750 (19.1)	2.060 (52.3)

APPLICATION NOTES

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

Mouser Electronics

Authorized Distributor

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Glenair:

[M85049/55G22W](#) [M85049/53-08A](#) [M85049/53-10W](#) [M85049/53-12A](#) [M85049/53-14A](#) [M85049/53-20A](#) [M85049/53-20W](#) [M85049/55-10W](#) [M85049/53-08W](#) [M85049/53-16A](#) [M85049/53-18W](#) [M85049/55-08A](#) [M85049/55-08W](#) [M85049/55-10A](#) [M85049/55-12A](#) [M85049/55-14A](#) [M85049/55-14W](#) [M85049/55-16A](#) [M85049/55-20A](#) [M85049/55-20W](#) [M85049/55-22A](#) [M85049/55-24A](#) [M85049/55G-08W](#) [M85049/55S16W](#) [M85049/55S20W](#) [M85049/53-03N](#) [M85049/53-08N](#) [M85049/53-10N](#) [M85049/53-12N](#) [M85049/53-16N](#) [M85049/53-18N](#) [M85049/53-20N](#) [M85049/53-22N](#) [M85049/53-24N](#) [M85049/53-28N](#) [M85049/53-61N](#) [M85049/54-03N](#) [M85049/54-08N](#) [M85049/54-10N](#) [M85049/54-12N](#) [M85049/54-14N](#) [M85049/54-16N](#) [M85049/54-18N](#) [M85049/54-20N](#) [M85049/54-22N](#) [M85049/54-24N](#) [M85049/55-03N](#) [M85049/55-08N](#) [M85049/55-10N](#) [M85049/55-12N](#) [M85049/55-14N](#) [M85049/55-16N](#) [M85049/55-22N](#) [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](#)