

AS85049/88, AS85049/89 and AS85049/90 Straight, 45° and 90° Banding Backshells with Self-Locking Coupling



AS85049

CONNECTOR DESIGNATOR:

H

MIL-DTL-38999 Series III and IV
EN3645

— = Detented
N = Non-Detented

M85049/88

N

17

P

02

Entry Size
(Table I)

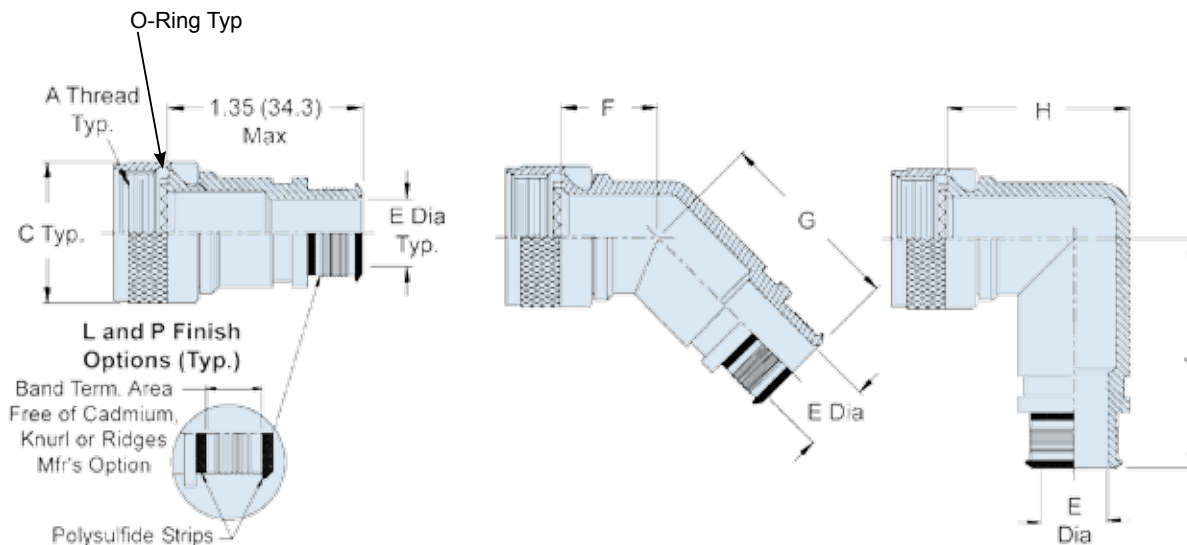
Basic Part Number

M85049/88 = Straight
M85049/89 = 45°
M85049/90 = 90°

Shell Size
(Table I)

Finish
(Table II)

B



APPLICATION NOTES

1. Assembly identified with manufacturer's name and part number, space permitting.
2. For complete dimensions, see the applicable Military Specification.
3. Metric dimensions (mm) are in parentheses.
4. For use with AS85049/128 Bands.

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

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GLENAIR, INC. • 1211 AIR WAY • GLENDALE, CA 91201-2497 • 818-247-6000 • FAX 818-500-9912
www.glenair.com B-101 E-Mail: sales@glenair.com



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TABLE I: Shell Size, Cable Entry and Backshell Dimensions

Shell Size	A Thread Class 2B	C Dia Max	E Dia Cable Entry Size 02 ±.010 (0.30)	E Dia Cable Entry Size 03 ±.010 (0.30)	F Max	G Max	H Max	J Max
9	M12 X 1 - 6H	.860 (21.8)	N/A	.250 (6.4)	1.010 (25.7)	1.160 (29.5)	1.375 (34.9)	1.417 (36.0)
11	M15 X 1 - 6H	.990 (25.1)	N/A	.312 (7.9)	1.030 (26.2)	1.190 (30.2)	1.437 (36.5)	1.480 (37.6)
13	M18 X 1 - 6H	1.160 (29.5)	.312 (7.9)	.438 (11.1)	1.060 (26.9)	1.210 (30.7)	1.562 (39.7)	1.553 (39.4)
15	M22 X 1 - 6H	1.280 (32.5)	.438 (11.1)	.562 (14.3)	1.080 (27.4)	1.240 (31.5)	1.687 (42.8)	1.614 (41.0)
17	M25 X 1 - 6H	1.410 (35.8)	.500 (12.7)	.625 (15.9)	1.110 (28.2)	1.260 (32.0)	1.750 (44.5)	1.678 (42.6)
19	M28 X 1 - 6H	1.520 (38.6)	.625 (15.9)	.750 (19.1)	1.120 (28.4)	1.270 (32.3)	1.875 (47.6)	1.733 (44.0)
21	M31 X 1 - 6H	1.640 (41.7)	.625 (15.9)	.812 (20.6)	1.150 (29.2)	1.300 (33.0)	1.938 (49.2)	1.796 (45.6)
23	M34 X 1 - 6H	1.770 (45.0)	.688 (17.5)	.938 (23.8)	1.170 (29.7)	1.330 (33.8)	2.062 (52.4)	1.859 (47.2)
25	M37 X 1 - 6H	1.890 (48.0)	.750 (19.1)	1.000 (25.4)	1.200 (30.5)	1.350 (34.3)	2.125 (54.0)	1.919 (48.7)

TABLE II: Finish and Material

Aluminum	Composite	Finish Description
G	Not Available	Electroless Nickel (Space Grade)
N	M	Electroless Nickel
P	L	Cadmium Olive Drab over Electroless Nickel, Selective Plating
W	J	Cadmium Olive Drab
X	XC	Nickel Fluorocarbon Polymer
YP	YL	Pure Dense Electrodeposited Aluminum, Selective Plating
Z	ZC	Zinc Nickel
ZP	ZL	Zinc Nickel, Selective Plating

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

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Glenair:

M85049/88-23W03	M85049/88-25J03	M85049/90-15W02	M85049/88-15W03	M85049/88-25N02	M85049/88-9W03
M85049/90-11W03	M85049/90-13W03	M85049/90-19J03	M85049/90-23J03	M85049/90-15W03	M85049/90-17N03
M85049/90-21J03	M85049/90-9N03	M85049/88-21W02	M85049/88-11J03	M85049/88-11L03	M85049/88-11M03
M85049/88-13J02	M85049/88-13L02	M85049/88-13L03	M85049/88-13M02	M85049/88-13M03	M85049/88-15L02
M85049/88-15L03	M85049/88-15M02	M85049/88-15M03	M85049/88-19J02	M85049/88-19L02	M85049/88-19L03
M85049/88-19M02	M85049/88-19M03	M85049/88-21J02	M85049/88-21L02	M85049/88-21L03	M85049/88-21M02
M85049/88-21M03	M85049/88-23J02	M85049/88-23J03	M85049/88-23L02	M85049/88-23L03	M85049/88-23M02
M85049/88-23M03	M85049/88-25J02	M85049/88-25L02	M85049/88-25L03	M85049/88-25M02	M85049/88-25M03
M85049/88-9J03	M85049/88-9L03	M85049/88-9M03	M85049/89-11J03	M85049/89-11L03	M85049/89-11M03
M85049/89-13J02	M85049/89-13J03	M85049/89-13L02	M85049/89-13L03	M85049/89-13M02	M85049/89-15J02
M85049/89-15J03	M85049/89-15L02	M85049/89-15L03	M85049/89-15M02	M85049/89-15M03	M85049/89-17J02
M85049/89-17J03	M85049/89-17L02	M85049/89-17L03	M85049/89-17M02	M85049/89-17M03	M85049/89-19J02
M85049/89-19J03	M85049/89-19L02	M85049/89-19L03	M85049/89-19M02	M85049/89-19M03	M85049/89-21J02
M85049/89-21J03	M85049/89-21L02	M85049/89-21L03	M85049/89-21M02	M85049/89-21M03	M85049/89-23J02
M85049/89-23J03	M85049/89-23L02	M85049/89-23L03	M85049/89-23M02	M85049/89-23M03	M85049/89-25J02
M85049/89-25J03	M85049/89-25L02	M85049/89-25L03	M85049/89-25M02	M85049/89-25M03	M85049/90-11L03
M85049/90-11M03	M85049/90-13J02	M85049/90-13L02	M85049/90-13L03		