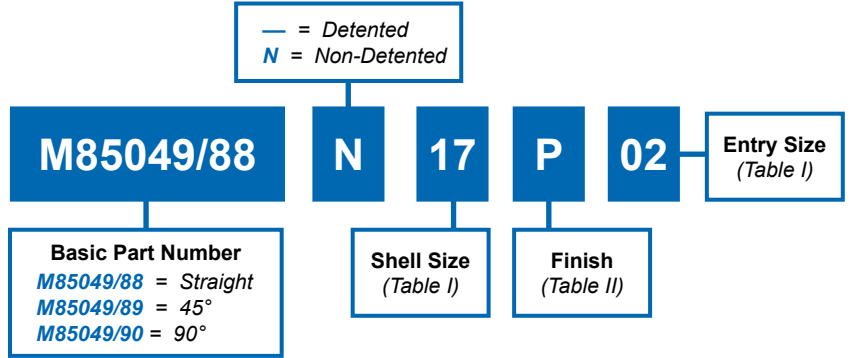


AS85049/88, AS85049/89 and AS85049/90 Straight, 45° and 90° Banding Backshells with Self-Locking Coupling

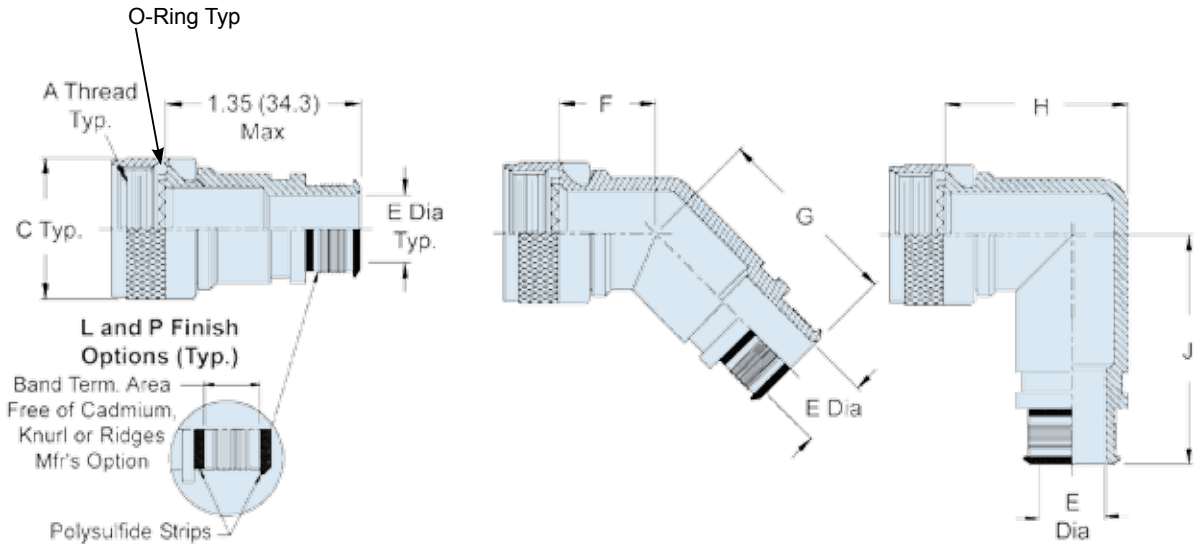


AS85049

CONNECTOR DESIGNATOR:	
H	MIL-DTL-38999 Series III and IV EN3645

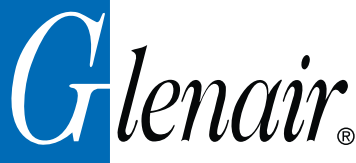


B



- | 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.



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

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.