

Glenair Connector
Designator H

MIL-DTL-38999
Series III & IV,
EN3645

M85049/91-11 T

Basic Part No. ———
M85049/91 = Straight
M85049/92 = 90°

Shell Size ———

Material and Finish Designator (Note 4)
J = Composite (Conductive), Cadmium Olive Drab
Over Electroless Nickel
M = Composite (Conductive), Electroless Nickel
T = Composite (Non-Conductive) Without Plating

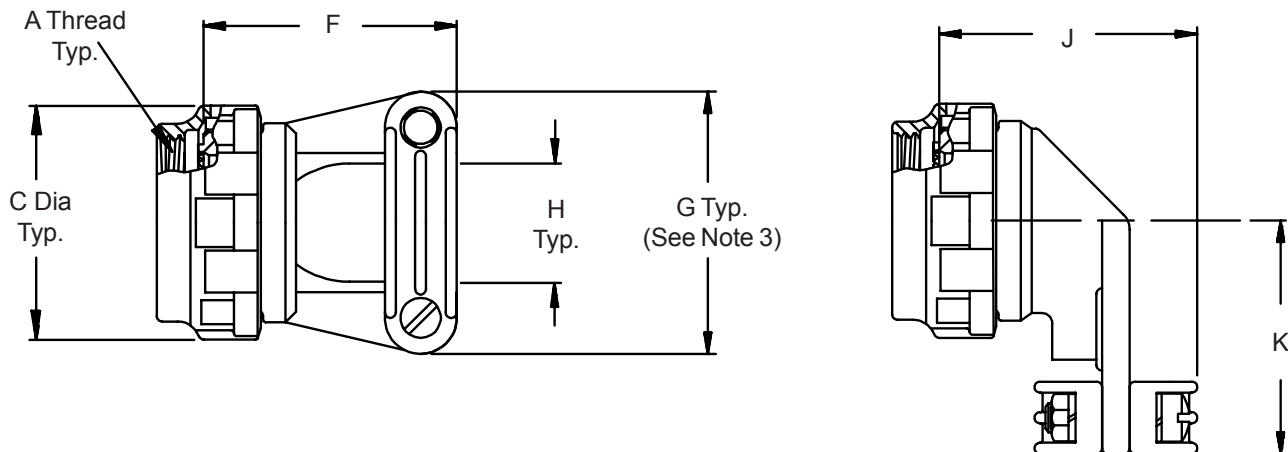


TABLE I

Shell Size	A Thread Class 2B	C Dia Max	F Max	G Max	H ±.031 Dia	J Max	K ±.062 (1.6)
09	M12 X 1 - 6H	.858 (21.8)	.840 (21.3)	.98 (24.9)	.219 (5.6)	1.06 (26.9)	.875 (22.2)
11	M15 X 1 - 6H	.984 (25.0)	.960 (24.4)	1.05 (26.7)	.264 (6.7)	1.10 (27.9)	.937 (23.8)
13	M18 X 1 - 6H	1.157 (29.4)	1.100 (27.9)	1.20 (30.5)	.344 (8.7)	1.18 (30.0)	1.031 (26.2)
15	M22 X 1 - 6H	1.280 (32.5)	1.100 (27.9)	1.30 (33.0)	.460 (11.7)	1.30 (33.0)	1.125 (28.6)
17	M25 X 1 - 6H	1.406 (35.7)	1.230 (31.2)	1.42 (36.1)	.545 (13.8)	1.38 (35.1)	1.312 (33.3)
19	M28 X 1 - 6H	1.516 (38.5)	1.410 (35.8)	1.52 (38.6)	.615 (15.6)	1.45 (36.8)	1.375 (34.9)
21	M31 X 1 - 6H	1.642 (41.7)	1.510 (38.4)	1.64 (41.7)	.698 (17.7)	1.54 (39.1)	1.500 (38.1)
23	M34 X 1 - 6H	1.768 (44.9)	1.660 (42.2)	1.77 (45.0)	.700 (17.8)	1.62 (41.1)	1.625 (41.3)
25	M37 X 1 - 6H	1.890 (48.0)	1.760 (44.7)	1.89 (48.0)	.850 (21.6)	1.69 (42.9)	1.750 (44.5)

1. For complete dimensions see applicable Military Specification.
2. Metric dimensions (mm) are indicated in parentheses.
3. Clamp Entry is measured with Saddle bars closed and seated on Clamp Ears.