

**AS85049/20**  
**BACKSHELL, STRAIGHT, RFI/EMI**  
 (FOR MIL-DTL-38999 SERIES III AND IV CONNECTORS)

**PART NUMBER DEVELOPMENT**

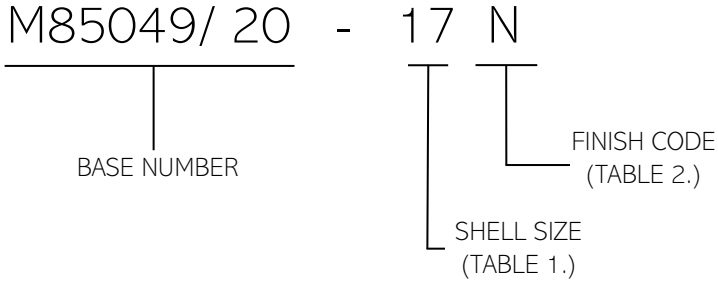
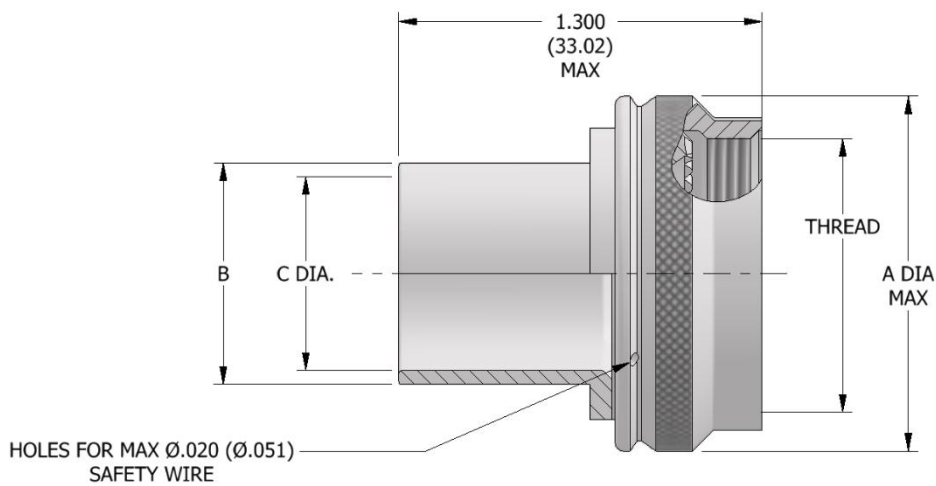


TABLE 1. SHELL SIZE AND DIMENSIONS					
SHELL SIZE	A DIA MAX	B DIA MAX	C ±.015 DIA	M85049/26-2 CRIMP RING (REF)	THREAD
9	.750 (19.1)	.347 (8.81)	.250 (6.35)	-8	M12X1.0-6H
11	.850 (21.6)	.498 (12.65)	.325 (8.26)	-10	M15X1.0-6H
13	1.000 (25.4)	.510 (12.95)	.420 (10.67)	-12	M18X1.0-6H
15	1.100 (27.9)	.630 (16.00)	.540 (13.72)	-14	M22X1.0-6H
17	1.250 (31.8)	.760 (19.30)	.670 (17.02)	-16	M25X1.0-6H
19	1.400 (35.6)	.890 (22.61)	.789 (20.04)	-18	M28X1.0-6H
21	1.500 (38.1)	1.010 (25.65)	.914 (23.22)	-20	M31X1.0-6H
23	1.650 (41.9)	1.130 (28.70)	1.039 (26.39)	-22	M34X1.0-6H
25	1.750 (44.5)	1.202 (30.53)	1.112 (28.24)	-24	M37X1.0-6H

TABLE 2. PLATING CODE	
CODE	DESCRIPTION
N	ELECTROLESS NICKEL
W	CADMIUM OLIVE DRAB
X	NICKEL FLUOROCARBON POLYMER
Z	ZINC NICKEL

MATERIAL: ALUMINUM ALLOY IN ACCORDANCE WITH AS85049.



**NOTES:**

- 1.METRIC DIMENSIONS (mm) ARE IN PARENTHESES.
- 2.FOR COMPLETE DIMENSIONS, SEE THE APPLICABLE MILITARY SPECIFICATION.

