

AS85049/21

BACKSHELL, NONENVIRONMENTAL, STRAIGHT, RFI/EMI

(FOR MIL-DTL-38999 SERIES III AND IV CONNECTORS)

PART NUMBER DEVELOPMENT

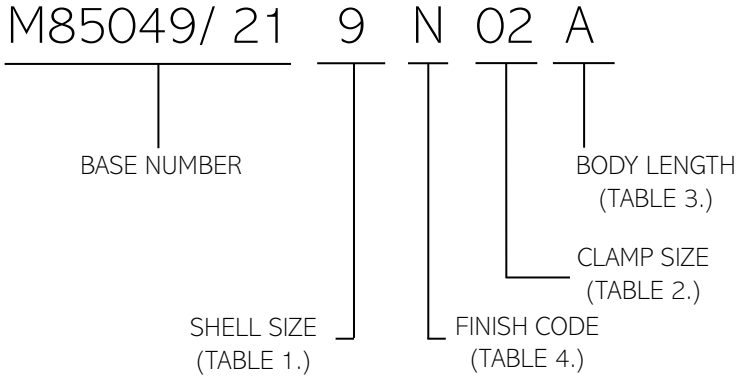


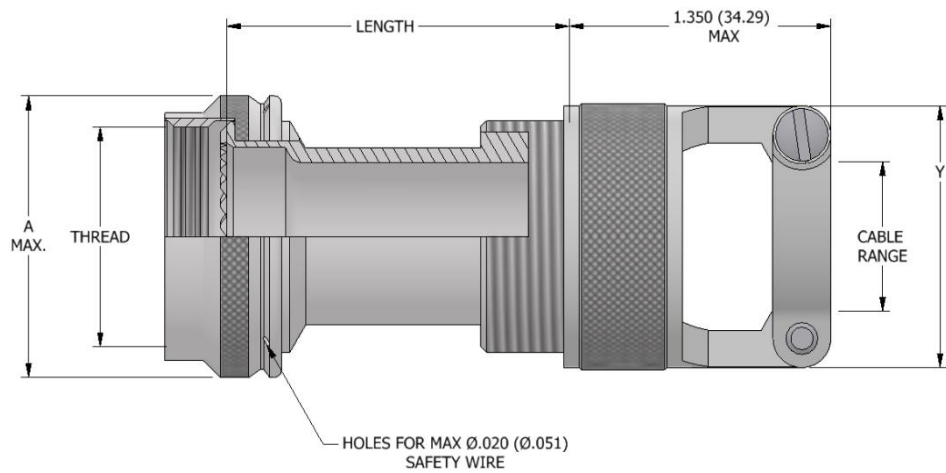
TABLE 1. SHELL SIZE AND CLAMP SIZE				
SHELL SIZE	MIN CLAMP SIZE	MAX CLAMP SIZE	A MAX DIA	THREAD
9	1	2	.750 (19.1)	M12X1.0-6H
11	1	3	.850 (21.6)	M15X1.0-6H
13	2	4	1.000 (25.4)	M18X1.0-6H
15	2	5	1.100 (27.9)	M22X1.0-6H
17	2	6	1.250 (31.8)	M25X1.0-6H
19	3	7	1.400 (35.6)	M28X1.0-6H
21	3	8	1.500 (38.1)	M31X1.0-6H
23	3	9	1.650 (41.9)	M34X1.0-6H
25	4	10	1.750 (44.5)	M37X1.0-6H

TABLE 2. CLAMP SIZE AND DIMENSIONS			
CLAMP SIZE	CABLE RANGE MIN	CABLE RANGE MAX	Y DIM MAX
1	.062 (1.57)	.125 (3.18)	.800 (20.3)
2	.125 (3.18)	.250 (6.35)	1.000 (25.4)
3	.250 (6.35)	.375 (9.53)	1.100 (27.9)
4	.312 (7.92)	.500 (12.70)	1.200 (30.5)
5	.437 (11.10)	.625 (15.88)	1.250 (31.8)
6	.562 (14.27)	.750 (19.05)	1.400 (35.6)
7	.687 (17.45)	.875 (22.23)	1.500 (38.1)
8	.812 (20.62)	1.000 (25.40)	1.650 (41.9)
9	.937 (23.80)	1.125 (28.58)	1.750 (44.5)
10	1.062 (26.97)	1.250 (31.75)	1.900 (48.3)

TABLE 3. ACCESSORY BODY LENGTH	
CODE	LENGTH ±.032 (.810)
STANDARD	1.500 (38.1)
A	2.500 (63.5)
B	3.500 (88.9)
C	4.500 (114.3)

TABLE 4. PLATING CODE	
CODE	DESCRIPTION
A	BLACK ANODIZE, CLASS 2
N	ELECTROLESS NICKEL
W	CADMIUM, OLIVE DRAB
X	NICKEL FLUOROCARBON POLYMER
Y	PURE DENSE ELECTRODEPOSITED
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.
3. "CABLE RANGE" INDICATES THE ACCEPTABLE SIZE RANGE FOR THE CABLE OR WIRE BUNDLE. THE DIMENSIONS PROVIDED ARE NOT INTENDED FOR INSPECTION USE.

