

AS85049/29

BACKSHELL, NONENVIRONMENTAL, STRAIGHT

(FOR MIL-DTL-38999 SERIES I AND II CONNECTORS)

PART NUMBER DEVELOPMENT

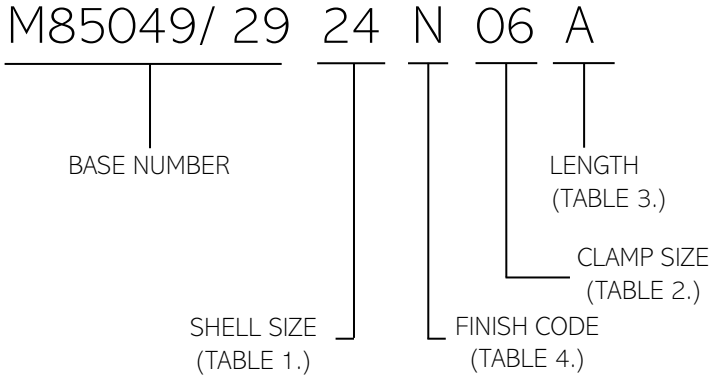


TABLE 1. SHELL SIZE AND CLAMP SIZE			
SHELL SIZE	MIN CLAMP SIZE	MAX CLAMP SIZE	THREAD
8	1	2	0.4375-28
10	1	3	0.5625-24
12	2	4	0.6875-24
14	2	5	0.8125-20
16	2	6	0.9375-20
18	3	7	1.0625-18
20	3	8	1.1875-18
22	3	9	1.3125-18
24	4	10	1.4375-18

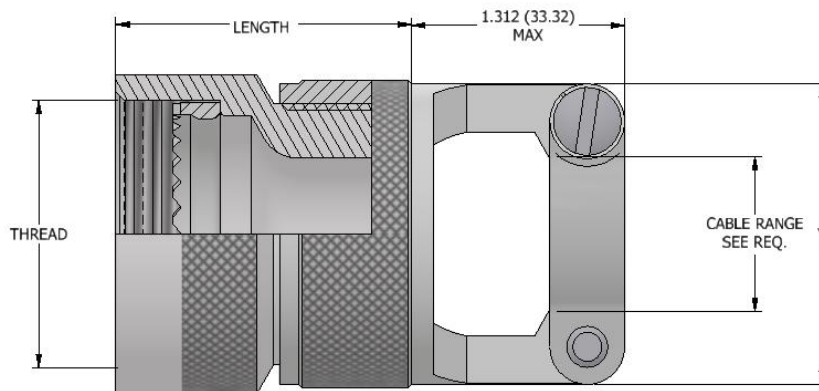
TABLE 3. LENGTH	
CODE	LENGTH ±.032 (.810)
STANDARD	1.000 (25.4)
A	2.000 (50.8)
B	3.000 (76.2)
C	4.000 (101.6)

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

TABLE 2. CLAMP SIZE AND DIMENSIONS			
CLAMP SIZE	CABLE RANGE MIN	CABLE RANGE MAX	Y DIM MAX
1	.062 (1.57)	.125 (3.18)	.781 (19.84)
2	.125 (3.18)	.250 (6.35)	.969 (24.61)
3	.250 (6.35)	.375 (9.53)	1.062 (26.97)
4	.312 (7.92)	.500 (12.70)	1.156 (29.36)
5	.437 (11.10)	.625 (15.88)	1.250 (31.75)
6	.562 (14.27)	.750 (19.05)	1.375 (34.92)
7	.687 (17.45)	.875 (22.23)	1.500 (38.10)
8	.812 (20.62)	1.000 (25.40)	1.625 (41.28)
9	.937 (23.80)	1.125 (28.58)	1.750 (44.45)
10	1.062 (26.97)	1.250 (31.75)	1.875 (47.62)

OMIT FOR STANDARD.

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.

