



**THE DATASHEET OF  
M85049/2916N05**

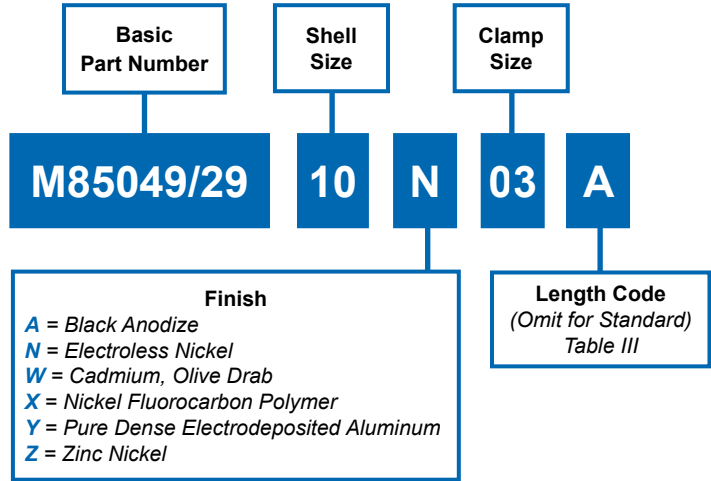


# AS85049/29 (M38999/6) Straight Non-Environmental Strain Relief Backshell



### CONNECTOR DESIGNATOR:

<b>F</b>	MIL-DTL-38999 Series I & II
	40M38277, PAN6433-1
	PATT 614, PATT 616
	NFC93422 Series HE308 & HE309

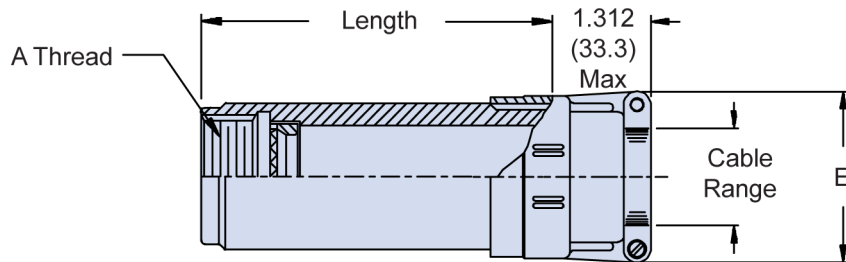


**TABLE III: Length Code**

Code	Length ± .032 (0.8)
Standard	1.00 (25.4)
A	2.00 (50.8)
B	3.00 (76.2)
C	4.00 (101.6)

### APPLICATION NOTES

- For complete dimensions see the applicable Military Specification.
- Metric dimensions (mm) are in parentheses.
- Cable Range is defined as the accommodation range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.



**TABLE I: Shell Size and Clamp Size**

Shell Size	Series I Ref.	Clamp Size*		A Thread Class 2B
		Min	Max	
08	09	01	02	.438 - 28 UNEF
10	11	01	03	.562 - 24 UNEF
12	13	02	04	.688 - 24 UNEF
14	15	02	05	.813 - 20 UNEF
16	17	02	06	.938 - 20 UNEF
18	19	03	07	1.063 - 18 UNEF
20	21	03	08	1.188 - 18 UNEF
22	23	03	09	1.313 - 18 UNEF
24	25	04	10	1.438 - 18 UNEF


\*Clamp Size from Table II, AS85049/29 Specifications.

**TABLE II: Clamp Size, Cable Range and Dimensions**

Clamp Size	Cable Range		E Max
	Min	Max	
01	.062 (1.6)	.125 (3.2)	.781 (19.8)
02	.125 (3.2)	.250 (6.4)	.969 (24.6)
03	.250 (6.4)	.375 (9.5)	1.062 (27.0)
04	.312 (7.9)	.500 (12.7)	1.156 (29.4)
05	.437 (11.1)	.625 (15.9)	1.250 (31.8)
06	.562 (14.3)	.750 (19.1)	1.375 (34.9)
07	.687 (17.4)	.875 (22.2)	1.500 (38.1)
08	.812 (20.6)	1.000 (25.4)	1.625 (41.3)
09	.937 (23.8)	1.125 (28.6)	1.750 (44.5)
10	1.062 (27.0)	1.250 (31.8)	1.875 (47.6)

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