

# AS85049/29 Non-Environmental Strain Relief Backshells



Non-Environmental Backshells

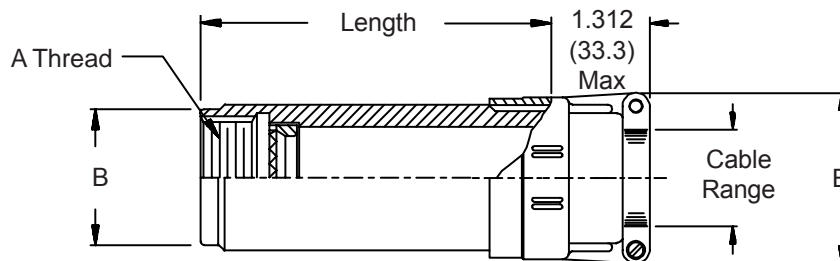
### Glenair Connector Designator F

**MIL-DTL-38999 Series I & II, 40M38277, PAN 6433-1, PATT 614, PATT 616, NFC93422 Series HE308 & HE309**

**M85049/29 10 N 03 A**

Basic Part No. \_\_\_\_\_ Length Code (Omit for Standard) \_\_\_\_\_  
 Shell Size \_\_\_\_\_  
 Finish \_\_\_\_\_ Clamp Size \_\_\_\_\_

A = Black Anodize  
 N = Electroless Nickel  
 W = 1,000 Hr. Cadmium Olive Drab Over Electroless Nickel



Shell Size		Clamp Size		A Thread	B Dia
Series I	Series I	(Table II)	(Table II)		
Size	Ref.	Min	Max	Class 2B	+ .000 (0.0) - .062 (1.6)
08	09	01	02	.438 - 28 UNEF	.567 (14.4)
10	11	01	03	.562 - 24 UNEF	.704 (17.9)
12	13	02	04	.688 - 24 UNEF	.829 (21.1)
14	15	02	05	.813 - 20 UNEF	.954 (24.2)
16	17	02	06	.938 - 20 UNEF	1.079 (27.4)
18	19	03	07	1.063 - 18 UNEF	1.203 (30.6)
20	21	03	08	1.188 - 18 UNEF	1.329 (33.8)
22	23	03	09	1.313 - 18 UNEF	1.454 (36.9)
24	25	04	10	1.438 - 18 UNEF	1.579 (40.1)

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)

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

Length Code	Available Shell Sizes	Length
Std.	08 - 24	1.00 (25.4)
A	08 - 24	2.00 (50.8)
B	14 - 24	3.00 (76.2)
C	20 - 24	4.00 (101.6)