

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



AS85049

| CONNECTOR DESIGNATOR: | |
|-----------------------|-------------------------------|
| F | MIL-DTL-38999 Series I and II |

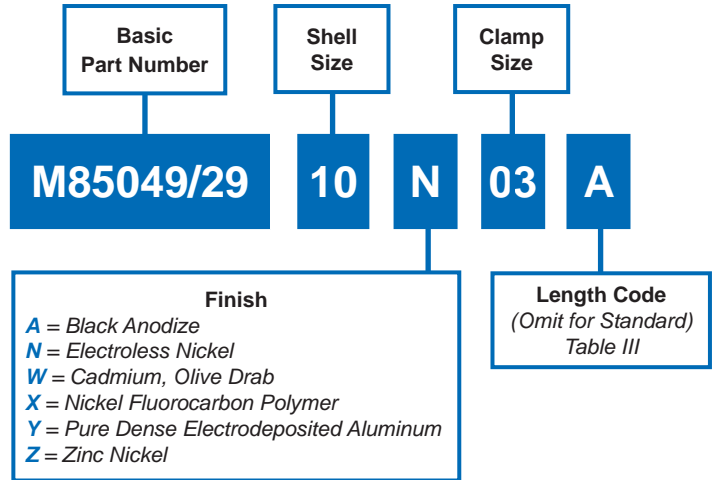
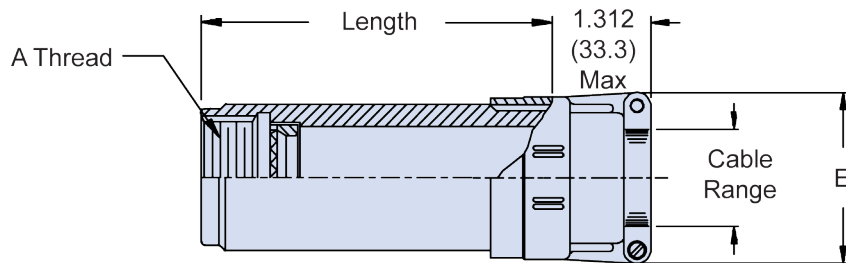


TABLE III: Length Code

| 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 | |
|-------------------|--|
| 1. | For complete dimensions see the applicable Military Specification. |
| 2. | Metric dimensions (mm) are in parentheses. |
| 3. | Cable Range is defined as the accommodation range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria. |



| 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.

| 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) |

Dimensions in inches (millimeters) and are subject to change without notice.