



# MS27291 Straight Non-Self-Locking Strain Relief

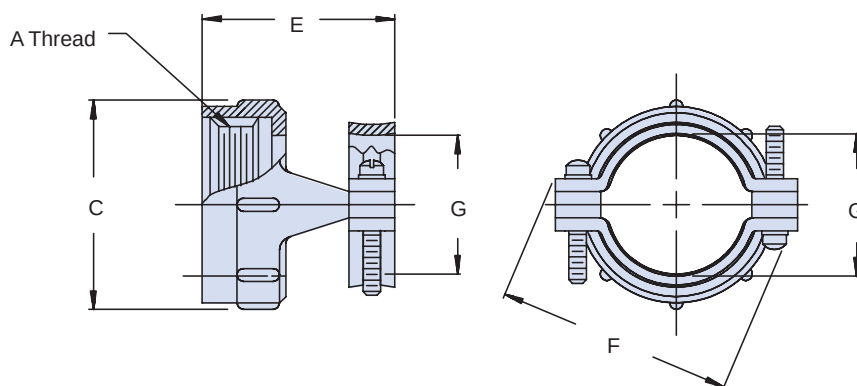
## CONNECTOR DESIGNATOR:

**E** MIL-DTL-26500

Basic  
Part Number

Dash  
Number

**MS27291 - 401**



**TABLE I: Dash Number, Shell Size, Thread and Dimensions**

| Dash No. For Use with<br>Class Connectors |     | Shell Size<br>Ref. | A Thread<br>Class 2B | C<br>Max |        | E     |        | F<br>Max |        | Ø G   |        |
|-------------------------------------------|-----|--------------------|----------------------|----------|--------|-------|--------|----------|--------|-------|--------|
| R and F                                   | G   |                    |                      |          |        | ±.015 | (.4)   |          |        | ±.005 | (.1)   |
| 1                                         | 101 | 10                 | .562 - 24 UNEF       | .731     | (18.6) | .935  | (23.7) | .914     | (23.2) | .270  | (6.9)  |
| 2                                         | 201 | 12                 | .750 - 20 UNEF       | .919     | (23.3) | .935  | (23.7) | 1.026    | (26.1) | .400  | (10.2) |
| 3                                         | 301 | 14                 | .812 - 20 UNEF       | .981     | (24.9) | 1.170 | (29.7) | 1.090    | (27.7) | .460  | (11.7) |
| 4                                         | 401 | 16                 | .938 - 20 UNEF       | 1.106    | (28.1) | 1.170 | (29.7) | 1.250    | (31.8) | .610  | (15.5) |
| 5                                         | 501 | 18                 | 1.062 - 18 UNEF      | 1.231    | (31.3) | 1.170 | (29.7) | 1.358    | (34.5) | .690  | (17.5) |
| 6                                         | 601 | 22                 | 1.312 - 18 UNEF      | 1.481    | (37.6) | 1.170 | (29.7) | 1.604    | (40.7) | .940  | (23.9) |
| 13                                        | 701 | 8                  | .438 - 28 UNEF       | .606     | (15.4) | .935  | (23.7) | .789     | (20.0) | .186  | (4.7)  |
| 14                                        | 801 | 20                 | 1.188 - 18 UNEF      | 1.356    | (34.4) | 1.170 | (29.7) | 1.481    | (37.6) | .816  | (20.7) |
| 15                                        | 901 | 24                 | 1.438 - 18 UNEF      | 1.606    | (40.8) | 1.170 | (29.7) | 1.729    | (43.9) | 1.066 | (27.1) |

## APPLICATION NOTES

1. Finish: Class R and F—anodize, Class G, Chrome Plated
2. Assembly to be identified with manufacturer's name and part number, space permitting.
3. For complete dimensions, see the applicable Military Specification.
4. Metric dimensions (mm) are in parentheses.

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