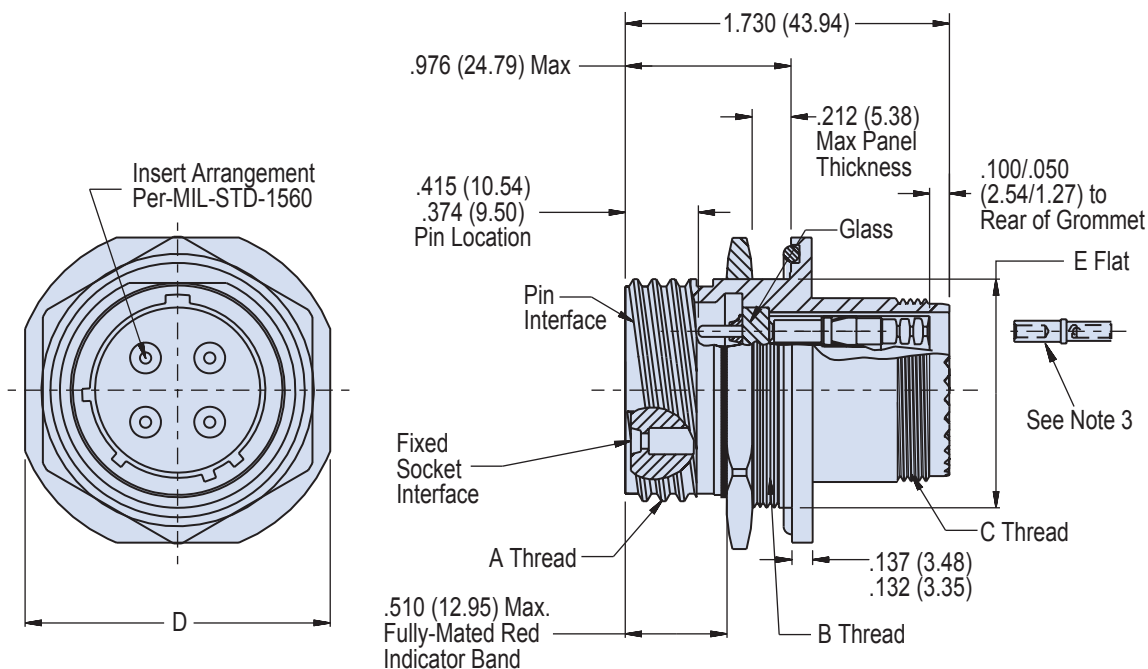
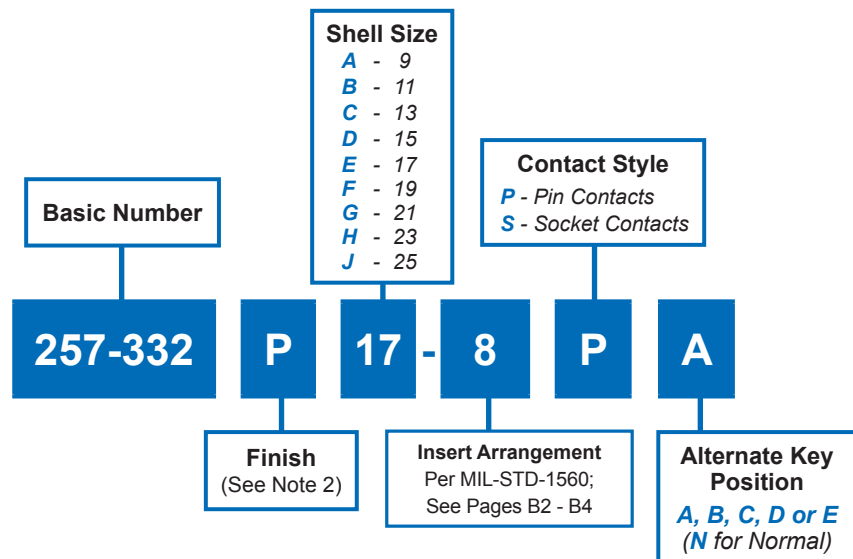




257-332

# Hermetic Jam Nut Receptacle with Crimp Removable Socket Contacts MIL-DTL-38999 Series III Type

B



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

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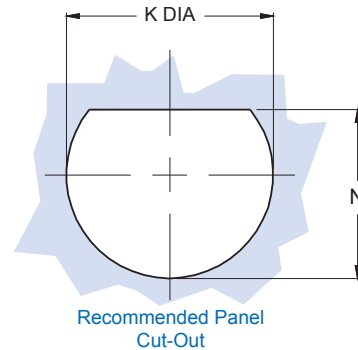
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**257-332**  
**Hermetic Jam Nut Receptacle**  
**with Crimp Removable Socket Contacts**  
**MIL-DTL-38999 Series III Type**



**TABLE I (CONTINUED):  
CUT-OUT DIMENSIONS**

| SHELL SIZE | K DIA<br>+.010<br>-.000 | N                              |
|------------|-------------------------|--------------------------------|
| A          | .693 (17.60)            | .661 (16.79)<br>.655 (16.64)   |
| B          | .825 (20.96)            | .771 (19.58)<br>.761 (19.33)   |
| C          | 1.010 (25.65)           | .955 (24.26)<br>.745 (18.92)   |
| D          | 1.135 (28.83)           | 1.085 (27.56)<br>1.075 (27.30) |
| E          | 1.260 (32.01)           | 1.210 (30.73)<br>1.200 (30.48) |
| F          | 1.385 (35.18)           | 1.335 (33.91)<br>1.325 (33.65) |
| G          | 1.510 (38.35)           | 1.460 (37.08)<br>1.450 (36.83) |
| H          | 1.635 (41.53)           | 1.585 (40.26)<br>1.575 (40.00) |
| J          | 1.760 (44.70)           | 1.710 (43.43)<br>1.700 (43.18) |



**HERMETIC LEAK RATE MOD CODES**

| Designator | Required Leak Rate                         |
|------------|--------------------------------------------|
| -585A      | 1 x 10 <sup>-10</sup> cc Helium per second |
| -585B      | 1 x 10 <sup>-9</sup> cc Helium per second  |
| -585C      | 1 x 10 <sup>-8</sup> cc Helium per second  |

**TABLE I: CONNECTOR DIMENSIONS**

| SHELL SIZE | SHELL SIZE CODE | A<br>THREAD         | B<br>THREAD     | C<br>THREAD     | D<br>+/- .016<br>(MM) | E<br>+/- .004-.006<br>(MM) |
|------------|-----------------|---------------------|-----------------|-----------------|-----------------------|----------------------------|
| 9          | A               | .6250-.1P.3L-TS-2A  | M17x1-6g 0.100R | M12x1-6g 0.100R | 1.062 (2.70)          | 0.651 (1.65)               |
| 11         | B               | .7500-.1P.3L-TS-2A  | M20x1-6g 0.100R | M15x1-6g 0.100R | 1.252 (3.18)          | 0.751 (1.91)               |
| 13         | C               | .8750-.1P.3L-TS-2A  | M25x1-6g 0.100R | M18x1-6g 0.100R | 1.374 (3.49)          | 0.938 (2.38)               |
| 15         | D               | 1.000-.1P.3L-TS-2A  | M28x1-6g 0.100R | M22x1-6g 0.100R | 1.500 (3.81)          | 1.062 (2.70)               |
| 17         | E               | 1.1875-.1P.3L-TS-2A | M32x1-6g 0.100R | M25x1-6g 0.100R | 1.626 (4.13)          | 1.187 (3.01)               |
| 19         | F               | 1.250-.1P.3L-TS-2A  | M35x1-6g 0.100R | M28x1-6g 0.100R | 1.811 (4.60)          | 1.312 (3.33)               |
| 21         | G               | 1.375-.1P.3L-TS-2A  | M38x1-6g 0.100R | M31x1-6g 0.100R | 1.937 (4.92)          | 1.437 (3.65)               |
| 23         | H               | 1.500-.1P.3L-TS-2A  | M41x1-6g 0.100R | M34x1-6g 0.100R | 2.063 (5.24)          | 1.562 (3.97)               |
| 25         | J               | 1.625-.1P.3L-TS-2A  | M44x1-6g 0.100R | M37x1-6g 0.100R | 2.189 (5.56)          | 1.687 (4.28)               |

**APPLICATION NOTES**

- Assembly to be identified with Glenair's name and part number and date code, space permitting.
- Material/finishes:  
 Shell Receptacle, Jam Nut – CRES Passivated (Z1), CRES/NI (P)  
 Pin Contact – alloy 52 / gold plated  
 Socket Contact – copper alloy / gold plated  
 Insulator – fused vitreous glass / N.A.  
 Insulators – high grade rigid dielectric  
 Seals—fluorosilicone / N.A.
- Crimp removable socket contacts to conform to  
 AS39029/57-359 – size 12;  
 AS39029/57-358 – size 16;  
 AS39029/57-357 – size 20;  
 and AS39029/57-354 – size 22D (supplied loose).

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