

## MIL-DTL-38999 Series I Type 667-467 ProSeal™ spring-action receptacle cover



### MIL-DTL-38999 Series I Receptacle Cover

#### FEATURES

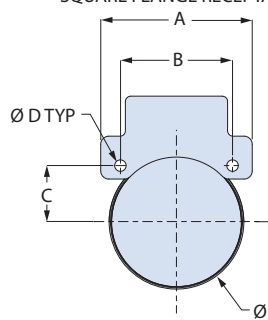
- Waterproof, ProSeal™ Spring-Action Protective Cover for MIL-DTL-38999 Series I scoop-proof bayonet receptacles.
- Fits standard connector jam-nut or square flange mounting holes.
- Snap lid onto connector face for dust-tight and water-tight seal (IP67 rating).
- Lid remains in open position when fully raised.
- 40 to +120 °C temperature rating.

#### MATERIAL AND FINISH

- Lid, lever arm, gimbal: thermoplastic, black
- Bracket: aluminum, plated per finish code
- Spring, pin, rivet: SST/passivate
- Sleeve: Delrin
- Gasket: silicone
- Conductive gasket: silver-filled silicone

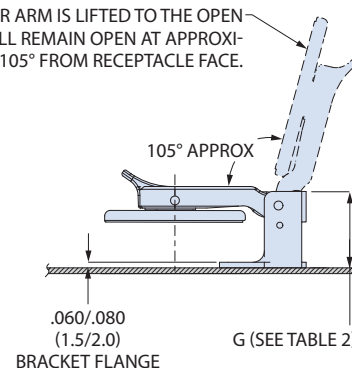
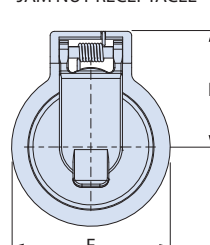
| HOW TO ORDER       |                                                                              |                         |                         |    |    |   |     |
|--------------------|------------------------------------------------------------------------------|-------------------------|-------------------------|----|----|---|-----|
| Sample Part Number |                                                                              | 667-467                 | M                       | 17 | T0 | W | -59 |
| Basic Part Number  | 667-467                                                                      |                         |                         |    |    |   |     |
| Bracket Finish     | See Table 1.                                                                 |                         |                         |    |    |   |     |
| Shell Size         | 09, 11, 13, 15, 17, 19, 21, 23, 25                                           |                         |                         |    |    |   |     |
| Panel Thickness    | Panel                                                                        |                         |                         |    |    |   |     |
|                    | Thickness Code                                                               | Square Flange           | Jam Nut                 |    |    |   |     |
|                    | T0                                                                           | Front Mount             | N/A                     |    |    |   |     |
|                    | T1                                                                           | .062 ± .030 (1.6 ± 0.8) | .062 ± .030 (1.6 ± 0.8) |    |    |   |     |
|                    | T2                                                                           | .125 ± .030 (3.2 ± 0.8) | N/A                     |    |    |   |     |
| Mounting Type      | J = Jam Nut (fig. 1)<br>W = Square Flange (fig. 2)                           |                         |                         |    |    |   |     |
| Modification Code  | Omit for standard silicone gasket<br>-59 = Silver-Filled Silicone EMI Gasket |                         |                         |    |    |   |     |

MOUNTING TYPE W  
SQUARE FLANGE RECEPTACLE



WHEN THE LEVER ARM IS LIFTED TO THE OPEN POSITION, IT WILL REMAIN OPEN AT APPROXIMATELY 105° FROM RECEPTACLE FACE.

MOUNTING TYPE J  
JAM NUT RECEPTACLE



| Shell Size | A Max         | B ±.015 (0.4) | C ±.015 (0.4) | D ±.008 (0.2) | E ±.031       | F Max         | J Max         |
|------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 09         | .937 (23.80)  | .719 (18.26)  | .360 (9.14)   | .128 (3.25)   | 1.031 (26.19) | .841 (21.36)  | .727 (18.47)  |
| 11         | 1.031 (26.19) | .812 (20.62)  | .406 (10.31)  | .128 (3.25)   | 1.125 (28.58) | .903 (22.94)  | .853 (21.67)  |
| 13         | 1.126 (28.60) | .906 (23.01)  | .453 (11.51)  | .128 (3.25)   | 1.375 (34.92) | 1.028 (26.11) | 1.003 (25.48) |
| 15         | 1.220 (30.99) | .969 (24.61)  | .485 (12.32)  | .128 (3.25)   | 1.560 (39.62) | 1.113 (28.27) | 1.128 (28.65) |
| 17         | 1.311 (33.30) | 1.062 (26.97) | .531 (13.49)  | .128 (3.25)   | 1.625 (41.28) | 1.149 (29.18) | 1.253 (31.83) |
| 19         | 1.437 (36.50) | 1.156 (29.36) | .578 (14.68)  | .128 (3.25)   | 1.750 (44.45) | 1.365 (34.67) | 1.360 (34.54) |
| 21         | 1.563 (39.70) | 1.250 (31.75) | .625 (15.88)  | .128 (3.25)   | 2.000 (50.80) | 1.429 (36.30) | 1.485 (37.72) |
| 23         | 1.689 (42.90) | 1.375 (34.92) | .688 (17.48)  | .128 (3.25)   | 2.150 (54.61) | 1.491 (37.87) | 1.610 (40.89) |
| 25         | 1.841 (46.76) | 1.500 (38.10) | .750 (19.05)  | .128 (3.25)   | 2.218 (56.34) | 1.656 (42.06) | 1.735 (44.07) |

TABLE 2 G DIMENSION

| Panel Thickness Code | Shell Size              | G Dim. ± .06 (1.5) |                      |
|----------------------|-------------------------|--------------------|----------------------|
|                      |                         | Type J Jam Nut     | Type W Square Flange |
| T0                   | Front Mount             | 09-19              | N/A                  |
|                      |                         | 21-25              | N/A                  |
| T1                   | .062 ± .030 (1.6 ± 0.8) | 09-19              | 1.041 (26.44)        |
|                      |                         | 21-25              | .977 (24.82)         |
| T2                   | .125 ± .030 (3.2 ± 0.8) | 09-19              | 1.032 (26.21)        |
|                      |                         | 21-25              | .915 (23.24)         |

TABLE 1 BRACKET FINISH

|    |                    |
|----|--------------------|
| C  | Black Anodize      |
| M  | Electroless Nickel |
| NF | Olive Drab Cadmium |
| MT | Nickel-PTFE        |
| ZR | Black Zinc-Nickel  |
| TZ | Tin-Zinc           |

#### MOUNTING TYPE

1 Mounting Type J



2 Mounting Type W

