

# SPACE-GRADE MIL-DTL-24308 D-SUB BACKSHELLS

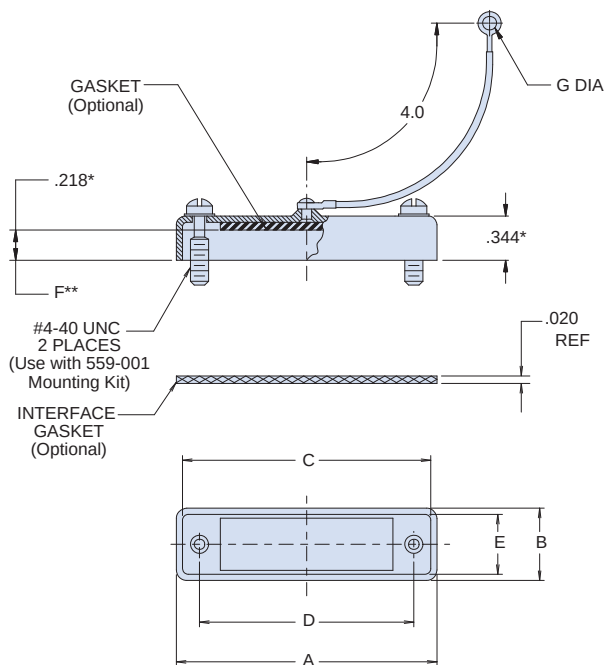
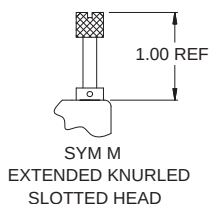
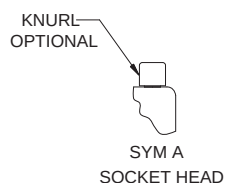
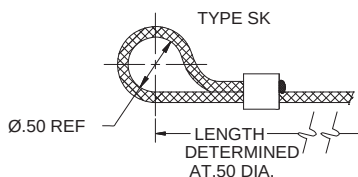
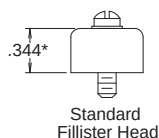
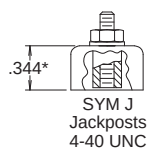
## Environmental Protective Cover with Lanyard Attachment Options



500-008



| How To Order                      |                                                                                                                                                                            |          |          |           |          |          |          |            |           |  |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|-----------|----------|----------|----------|------------|-----------|--|
| <b>Sample Part Number</b>         | <b>500-008</b>                                                                                                                                                             | <b>M</b> | <b>1</b> | <b>R3</b> | <b>G</b> | <b>A</b> | <b>L</b> | <b>-01</b> | <b>-6</b> |  |
| <b>Series</b>                     | Protective Cover                                                                                                                                                           |          |          |           |          |          |          |            |           |  |
| <b>Finish Symbol</b>              | <b>M</b> = Electroless Nickel<br><b>ZZ</b> = Gold Plate                                                                                                                    |          |          |           |          |          |          |            |           |  |
| <b>Shell Size</b>                 | <b>1, 2, 3, 4, 5, 6</b> (Table I)                                                                                                                                          |          |          |           |          |          |          |            |           |  |
| <b>Rear Mount Dash No.</b>        | <b>R1, R2, R3, R4, R5, R6, R7, R8</b> (Table II) <b>Omit</b> for front mount                                                                                               |          |          |           |          |          |          |            |           |  |
| <b>Interface and Seal Gaskets</b> | <b>G</b> = Interface Gasket and Seal Gasket<br><b>Omit</b> = Seal Gasket Only<br><b>--</b> = No Gaskets                                                                    |          |          |           |          |          |          |            |           |  |
| <b>Jackscrow Option</b>           | <b>A</b> = Socket Head <b>H</b> = Hex Head Screw <b>J</b> = Jackposts<br><b>K</b> = Slotted Head <b>M</b> = Extended Slotted Head<br><b>Omit</b> = Standard Fillister Head |          |          |           |          |          |          |            |           |  |
| <b>Attachment Type</b>            | See Table V, <b>Omit</b> for Standard Wire Rope, Nylon Jacket                                                                                                              |          |          |           |          |          |          |            |           |  |
| <b>Attachment Dia.</b>            | See Table III, <b>Omit</b> for Standard .182 or for Attachment Type SK Nylon Rope with Slip Knot                                                                           |          |          |           |          |          |          |            |           |  |
| <b>Attachment Length</b>          | Length in Inches. <b>Omit</b> for Standard 4"                                                                                                                              |          |          |           |          |          |          |            |           |  |



- \* Dimension for front-mounted connectors only.  
Dimensions are shorter for rear-mounted connectors
- \*\* Dimensions for rear-mounted connectors only.

### MATERIALS

Cover: Aluminum alloy

Hardware: CRES / passivated

Seal Gasket: Silicone Interface Gasket: Metalastic

# SPACE-GRADE MIL-DTL-24308 D-SUB BACKSHELLS

## Environmental Protective Cover with Lanyard Attachment Options

500-008



| Table I: Shell Size |              |             |              |                |             |
|---------------------|--------------|-------------|--------------|----------------|-------------|
| Shell Size          | A Max        | B Max       | C Ref        | D ±.005 (0.13) | E Ref.      |
| 1                   | 1.39 (35.31) | .51 (12.95) | 1.23 (31.24) | .984 (24.99)   | .41 (10.41) |
| 2                   | 1.72 (43.69) | .51 (12.95) | 1.56 (39.62) | 1.312 (33.32)  | .41 (10.41) |
| 3                   | 2.26 (57.40) | .51 (12.95) | 2.10 (53.34) | 1.852 (47.04)  | .41 (10.41) |
| 4                   | 2.90 (73.66) | .51 (12.95) | 2.74 (69.60) | 2.500 (63.50)  | .41 (10.41) |
| 5                   | 2.81 (71.37) | .62 (15.75) | 2.65 (67.31) | 2.406 (61.11)  | .52 (13.21) |
| 6                   | 2.90 (73.66) | .68 (17.27) | 2.74 (69.60) | 2.500 (63.50)  | .58 (14.73) |

| Table II: Rear-Mount Dimensions |             |                 |
|---------------------------------|-------------|-----------------|
| Dash No.                        | F           | Panel Thickness |
| R1                              | .187 (4.75) | .031 (0.79)     |
| R2                              | .171 (4.34) | .047 (1.19)     |
| R3                              | .156 (3.96) | .062 (1.57)     |
| R4                              | .125 (3.18) | .093 (2.36)     |
| R5                              | .114 (2.90) | .104 (2.64)     |
| R6                              | .093 (2.36) | .125 (3.18)     |
| R7                              | .062 (1.57) | .156 (3.96)     |
| R8                              | .080 (2.03) | .138 (3.51)     |

| Table III: Optional Attachment Diameter |             |
|-----------------------------------------|-------------|
| Dash No.                                | G Dia       |
| 01                                      | .145 (3.68) |
| [omit]                                  | .182 (4.62) |
| 04                                      | .197 (5.00) |
| 06                                      | .125 (3.18) |

| Table V: Attachment Type |                                              |
|--------------------------|----------------------------------------------|
| Sym.                     | Attachment Type                              |
| D                        | Bead chain, CRES, passivated                 |
| [omit]                   | Wire rope, Nylon jacket                      |
| E                        | Wire rope, Teflon jacket                     |
| L                        | Attachment omitted                           |
| R                        | Wire rope, PVC jacket                        |
| T                        | Wire rope, no jacket                         |
| S                        | #8 sash chain, CRES, passivated              |
| U                        | Wire rope, Polyurethane jacket with terminal |
| Z                        | Nylon rope                                   |
| SK                       | Nylon rope (black) with slip knot            |