

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

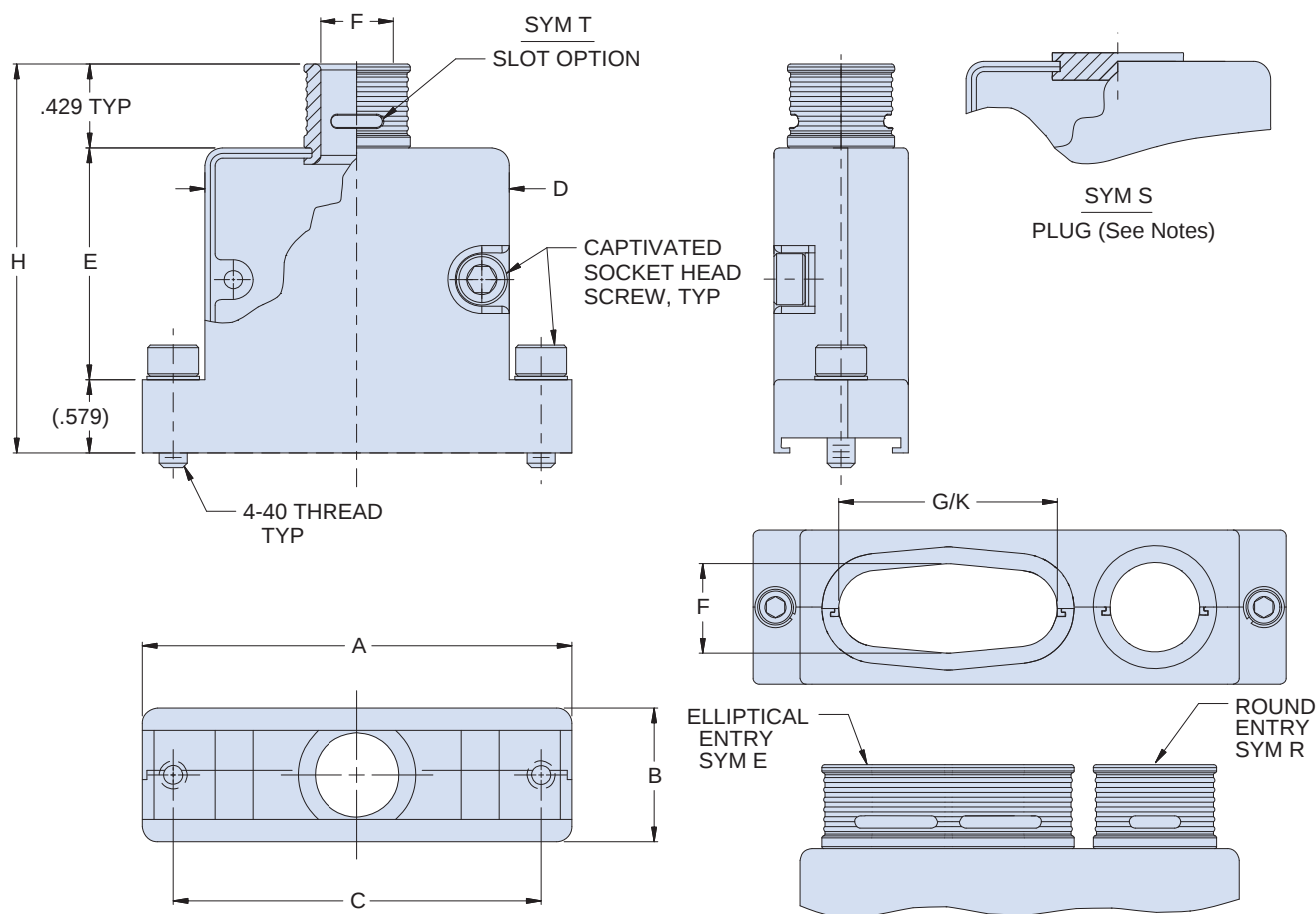
## EMI/RFI Split Backshell, Aluminum or Composite with Split Removable Banding Porches



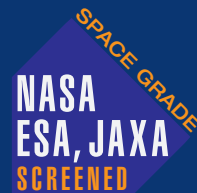
Split shell, round or elliptical, 1, 2, or 3 top cable entries · 557-609



| How To Order                     |                                                                                             |          |          |           |           |          |          |          |  |
|----------------------------------|---------------------------------------------------------------------------------------------|----------|----------|-----------|-----------|----------|----------|----------|--|
| <b>Sample Part Number</b>        | <b>557T609</b>                                                                              | <b>M</b> | <b>4</b> | <b>R1</b> | <b>E1</b> | <b>S</b> | <b>T</b> | <b>K</b> |  |
| <b>Series</b>                    | 557T609 = Top entry split backshell                                                         |          |          |           |           |          |          |          |  |
| <b>Material/Finish</b>           | M = Aluminum / Electroless Nickel<br>XM = Composite Thermoplastic / Electroless Nickel      |          |          |           |           |          |          |          |  |
| <b>Shell Size</b>                | 1, 2, 3, 4, 5, 6 (Table I)                                                                  |          |          |           |           |          |          |          |  |
| <b>No. of Round Entries</b>      | See Table I, <b>Omit</b> for none                                                           |          |          |           |           |          |          |          |  |
| <b>No. of Elliptical Entries</b> | See Table I, <b>Omit</b> for none                                                           |          |          |           |           |          |          |          |  |
| <b>Plug(s)</b>                   | Supplied in the same number and style as entries. <b>Omit</b> for none                      |          |          |           |           |          |          |          |  |
| <b>Slot(s)</b>                   | T = with slots <b>Omit</b> for none                                                         |          |          |           |           |          |          |          |  |
| <b>Band Option</b>               | B = Band(s) supplied (600-052) K = Coiled Band(s) supplied (600-052-1) <b>Omit</b> for none |          |          |           |           |          |          |          |  |



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| Table I: Shell Size |               |              |                  |               |               |              |               |               |
|---------------------|---------------|--------------|------------------|---------------|---------------|--------------|---------------|---------------|
| Shell Size          | A             | B            | C<br>±.005 (.13) | D             | E Max         | F Max        | G*            | H Max         |
| 1                   | 1.213 (30.81) | .630 (16.00) | .984 (24.99)     | .728 (18.49)  | 1.300 (33.02) | .315 (8.00)  | N/A           | 2.308 (58.62) |
| 2                   | 1.535 (38.99) | .630 (16.00) | 1.312 (33.32)    | 1.059 (26.90) | 1.300 (33.02) | .315 (8.00)  | N/A           | 2.308 (58.62) |
| 3                   | 2.087 (53.01) | .630 (16.00) | 1.852 (47.04)    | 1.598 (40.59) | 1.520 (38.61) | .315 (8.00)  | .575 (14.60)  | 2.528 (64.21) |
| 4                   | 2.728 (69.29) | .630 (16.00) | 2.500 (63.50)    | 2.248 (57.10) | 1.520 (38.61) | .315 (8.00)  | 1.225 (31.12) | 2.528 (64.21) |
| 5                   | 2.638 (67.01) | .750 (19.05) | 2.406 (61.11)    | 2.192 (55.68) | 1.520 (38.61) | .433 (11.00) | 1.051 (26.70) | 2.528 (64.21) |
| 6                   | 2.728 (69.29) | .787 (19.99) | 2.500 (63.50)    | 2.248 (57.10) | 1.520 (38.61) | .470 (11.94) | 1.070 (27.18) | 2.528 (64.21) |

\*Dimension G is the maximum elliptical width when used with one round entry. Not applicable with Shell size 1 and 2

| Table I: Shell Size (continued) |                             |                                             |
|---------------------------------|-----------------------------|---------------------------------------------|
| Shell Size                      | Max Number of Round Entries | K<br>Max Width of a Single Elliptical Entry |
| 1                               | 1                           | N/A                                         |
| 2                               | 1                           | .661 (16.79)                                |
| 3                               | 2                           | 1.200 (30.48)                               |
| 4                               | 3                           | 1.850 (46.99)                               |
| 5                               | 3                           | 1.794 (45.57)                               |
| 6                               | 3                           | 1.850 (46.99)                               |

**NOTES**

1. When ordering round and/or elliptical entries, enter the style and number. (eg. for 1 round entry, use R1, for 2 round entries, use R2.) For elliptical entries, use E1 or E2.
2. If ordered, plugs will be provided in the same number and style as there are entries.

**MATERIALS**

Backshell, Entries, Plugs: Aluminum or Composite Thermoplastic / Electroless Nickel finish  
Hardware: CRES / passivated