



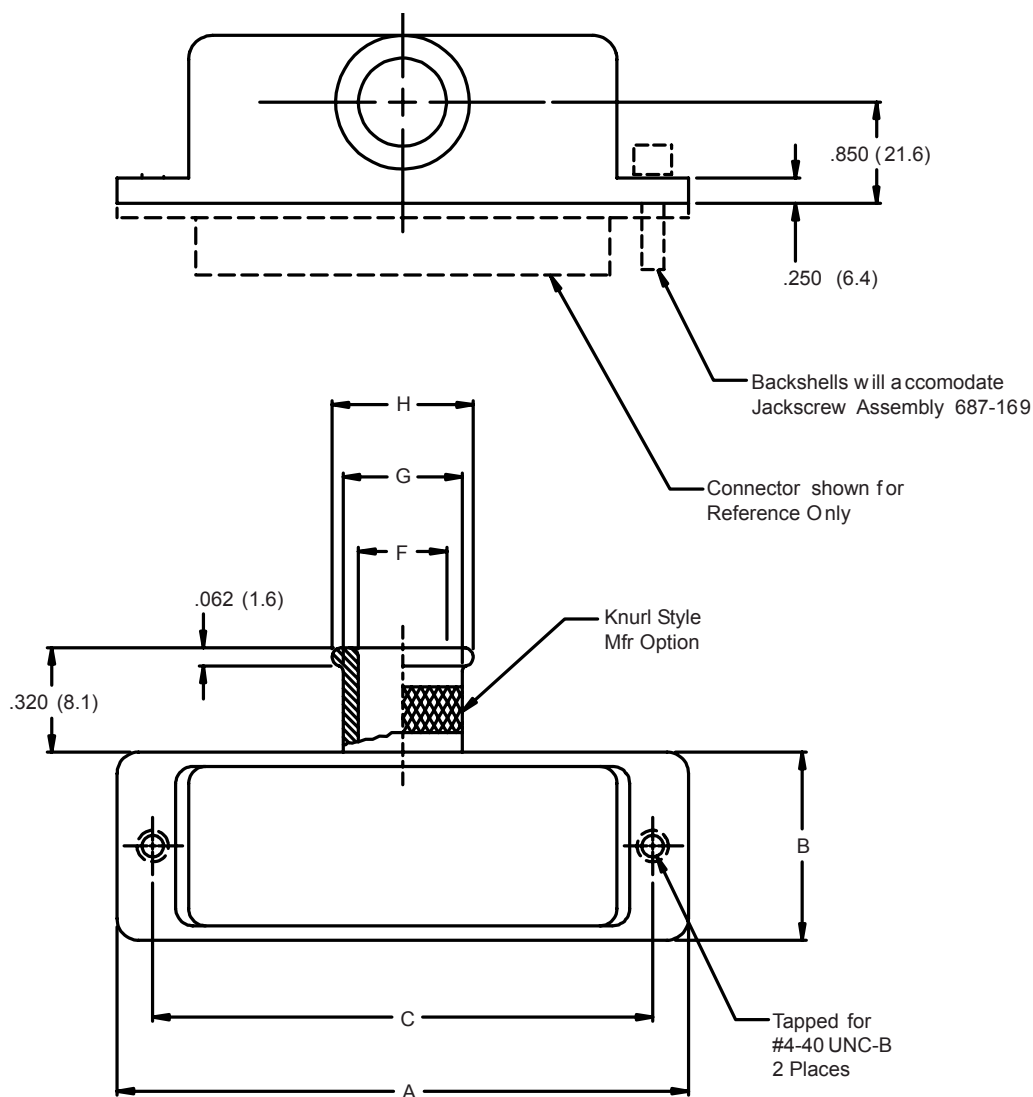
# 557-091 EMI/RFI Banding Backshell Assembly for MIL-C-24308 Connectors

**557 S 091 M 2 31**

Product Series \_\_\_\_\_ Dash No. (Table II)

S = Side Entry \_\_\_\_\_ Shell Size (Table I)

Basic Number \_\_\_\_\_ Finish (Table III)



Metric dimensions (mm) are indicated in parentheses

# 557-091

## EMI/RFI Banding Backshell Assembly for MIL-C-24308 Connectors



MIL-DTL-24308  
D-Subminiature

**TABLE I: CONNECTOR INTERFACE DIMS**

| Shell Size | A<br>Max     | B           | C<br>±.005 (0.1) |
|------------|--------------|-------------|------------------|
| 1          | 1.250 (31.8) | .530 (13.5) | .984 (25.0)      |
| 2          | 1.580 (40.1) | .530 (13.5) | 1.312 (33.3)     |
| 3          | 2.130 (54.1) | .530 (13.5) | 1.852 (47.0)     |
| 4          | 2.770 (70.5) | .530 (13.5) | 2.500 (63.5)     |
| 5          | 2.680 (68.1) | .660 (16.8) | 2.406 (61.1)     |

**TABLE II: CABLE ENTRY**

| Dash No. | F<br>Dia    | G<br>Dia    | H<br>Dia    |
|----------|-------------|-------------|-------------|
| 16       | .175 (4.4)  | .300 (7.6)  | .362 (9.2)  |
| 23       | .250 (6.4)  | .375 (9.5)  | .437 (11.1) |
| 30       | .312 (7.9)  | .437 (11.1) | .500 (12.7) |
| 31       | .375 (9.5)  | .500 (12.7) | .562 (14.3) |
| 32       | .430 (10.9) | .555 (14.1) | .617 (15.7) |
| 33       | .550 (14.0) | .675 (17.1) | .737 (18.7) |

**TABLE III:  
FINISH OPTIONS**

| Symbol | Finish                                                     |
|--------|------------------------------------------------------------|
| B      | Cadmium Plate/Olive Drab                                   |
| C*     | Black Anodize                                              |
| G*     | Anodic Hard Coat                                           |
| J      | Gold Iridite over Cadmium Plate<br>over Electroless Nickel |
| LF     | Cadmium Plate/Bright over<br>Electroless Nickel            |
| M      | Electroless Nickel                                         |
| N      | Cadmium Plate/Olive Drab over<br>Electroless Nickel        |
| NC     | Zinc Cobalt/Dark Olive Drab                                |
| NF     | Cadmium Plate/Olive Drab over<br>Electroless Nickel        |
| T      | Cadmium Plate/Bright over<br>Electroless Nickel            |
| U**    | Cadmium Plate/Black                                        |
| ZN     | Zinc-Nickel Alloy/Olive Drab                               |

\*Anodize finish is not suitable for EMI shielding or grounding applications.

\*\*Applicable to corrosion resisting steel backshells and accessories. Consult factory for other available finishes.

Metric dimensions (mm) are indicated in parentheses