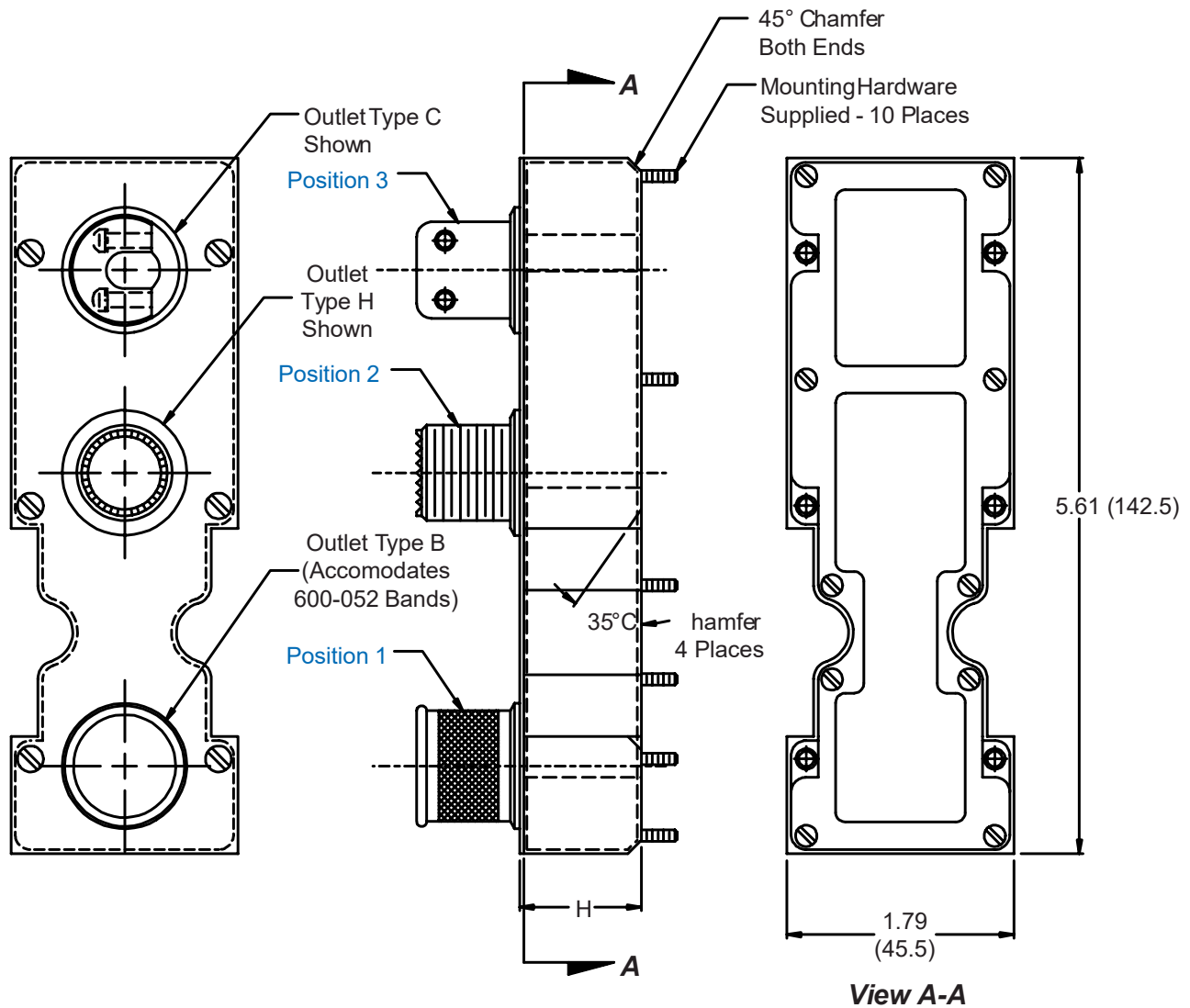


527-047
Multi-Function Backshell
for Size 2 ARINC 600 Series Connector

527-047 NF P 01 03 05 A

Basic Part No. _____
 Finish (Table III) _____
 Connector Designator (Table IV) _____
 Dash No. (Table I) Position 1 _____
 Dash No. (Table I) Position 2 _____
 Dash No. (Table I) Position 3 _____
 Height Code (Table II) _____



Metric dimensions (mm) are indicated in parentheses.

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TABLE I: CABLE ENTRY

| Dash No. | Outlet Type | Cable Entry Max |
|----------|-------------|-----------------|
| 01 | B | .500 (12.7) |
| 02 | B | 1.000 (25.4) |
| 03* | H | .346 (8.8) |
| 04** | H | .840 (21.3) |
| 05 | C | .312 (7.9) |
| 06 | C | .594 (15.1) |
| 07 | Omit | N/A |

* Dash No. 03 mates with MIL-DTL-38999 Series III and IV Size 09 Accessories
** Dash No. 04 mates with MIL-DTL-38999 Series III and IV Size 17 Accessories

1. Metric dimensions (mm) are indicated in parentheses.
2. Material/Finish:
Backshell and Fittings = Al Alloy/See Table II
Hardware = SST/Passivate
3. Height code C not available with P2 or P6 connectors.

TABLE II

| Height Code | H |
|-------------|-------------|
| A | 1.00 (25.4) |
| B | 1.25 (31.8) |
| C | .44 (11.2) |
| D | .84 (21.3) |

TABLE III: FINISH OPTIONS

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

*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.

TABLE IV: CONNECTOR DESIGNATOR

ARINC 600 series connector backshells are designed to replace the insert retainer plates for connector designators P, P1, P3 and P5, use screws provided by connector mfr. (P2 and P6 backshells require the use of the connector manufacturer's retainer plates with provided 5/16 screws). Due to non-standard modifications by the connector manufacturer, the backshell may require special design alterations to mate properly. The following should be used to determine if a backshell modification is required. Prior to ordering, consult factory with connector part numbers not shown to ensure a proper fit

| Connector Designator | Connector Description |
|----------------------|--|
| P | All Manufacturer's Plug and Receptacle Shells, Except for Those Listed Below (Prior to ordering, consult factory with connector part numbers not listed below to ensure a proper fit.) |
| P1 | Cannon BKAD****322 Series Plug |
| P2 | Cannon/Radiall Environmental Plug |
| P3 | Cannon/Boeing BACC 66 Plug |
| P5 | Radiall/Boeing BACC66 Plug |
| P6 | Cannon BKAC & BKAE XXX322 Series Environmental Plug |