

# PRODUCT DATA DRAWING

| REVISION HISTORY |             |       |          |
|------------------|-------------|-------|----------|
| REV              | DESCRIPTION | DATE  | APPROVED |
| A                | DCN 41650   | 09/15 | DAL      |
|                  |             |       |          |



**MATERIAL:**

- BODY & COUPLING NUT: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
- LOCK RING & CONTACT: BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04
- INSULATOR: PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B
- GASKET: SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60
- SHRINK TUBING: MIL-DTL-23053/4
- CRIMP RING: COPPER PER ASTM B 301, ALLOY UNS C18700, H04

**FINISH:**

- COUPLING NUT: PASSIVATED PER AMS-2700
- BODY, CONTACT & CRIMP RING: GOLD PER ASTM B 488, TYPE II, CODE C, CLASS 1.27, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

**PERFORMANCE:**

- IMPEDANCE: 50 OHMS

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|---|--|--|---|
| MATERIAL: SEE NOTES   | DIMENSIONS ARE IN INCHES TOLERANCES:<br>FRACTIONAL: ±1/64 ANGULAR: X° ±1'0"<br>X"X' ±15' | UNLESS OTHERWISE SPECIFIED<br>1) ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)<br>2) ALL DIMENSIONS ARE AFTER PLATING.<br>3) BREAK CORNERS & EDGES .005 R. MAX.<br>4) CHAM. 1ST & LAST THREADS.<br>5) SURFACE ROUGHNESS 63-MIL-STD-10.<br>6) DIA. 'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R.<br>7) REMOVE ALL BURRS | <br>2400 Centrepark West Drive, Suite 100<br>West Palm Beach, FL 33409<br>TITLE: SMA STRAIGHT PLUG SOLDER ATTACHMENT FOR RG-142, 400 & 223 CABLES |
| FINISH: SEE NOTES   | DECIMAL: X ±.030<br>.XX ±.010<br>.XXX ±.005  | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994   |   |
| SURFACE AREA: N/A   | THIRD ANGLE PROJECTION   | DRAWN: RPA 12/18/85  | SIZE: B CAGE CODE: 95077 DWG. NO.: M39012/55-3009   |
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