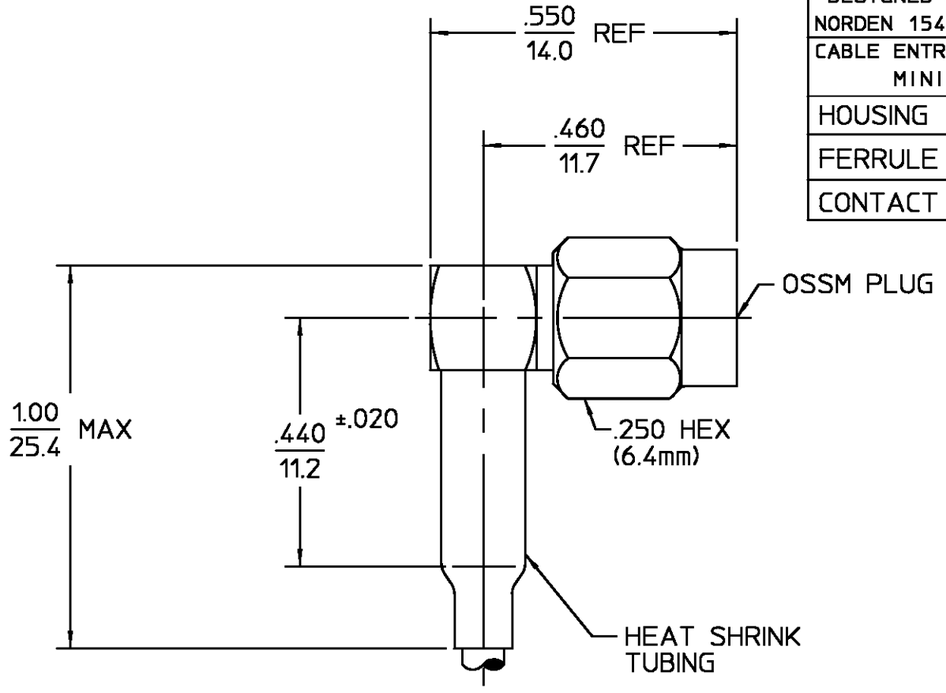


| DESIGNED FOR USE WITH NORDEN 154-085-001 CABLE | |
|---|---|
| CABLE ENTRY DIAMETER MINIMUM | |
| HOUSING | .076 |
| FERRULE | .125 |
| CONTACT | .025 |

| REVISIONS | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |
| $01_0$ | RELEASED | 6/22/99 | DCamelio |

| ELECTRICAL | | MECHANICAL | | ENVIRONMENTAL | |
|---|---|---|---|---|---|
| Nominal Impedance (Ohms) | 50 | Interface Dimensions MIL-STD-348, Fig. 319.1 | | Temperature Rating | -65°C to +125°C |
| Frequency Range (GHz) | DC to 3.0 | Recommended Mating Torque (In/Lbs) | 5 | Vibration MIL-STD-202, Method 204, Condition D | |
| Volt Rating (VRMS MAX) @ Sea Level | 250 | Force to Engage and Disengage (In/Lbs MAX) | 2.0 | Shock MIL-STD-202, Method 213, Condition I | |
| VSWR | 1.15 +.03(f)GHz | Center Contact Captivation Axial (Lbs) | 4.0 | Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C | |
| Insertion Loss (dB MAX) | $.04\sqrt{f(GHz)}$ | Radial (In/Oz) | 2.0 | Moisture Resistance MIL-STD-202, Method 106, | |
| RF Leakage (dB MIN) | -60 @ 2-3 GHz | Cable Retention Axial Force (Lbs) | 20 | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray | |
| Corona, 70,000 Ft (VRMS MIN) | 190 | Weight (Grams) | 2.3 | | |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level | 750 | | | | |
| Contact Resistance (Milliohms MAX) Center Contact | 4.0 | | | | |
| Outer Contact | 2.0 | | | | |
| Cable to Housing | 0.5 | | | | |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) | 500 | | | | |
| I.R.(Megohms MIN) | 5000 | | | | |

| COMPONENT | MATERIAL | FINISH |
|---|---|---|
| HOUSING<br>CAP<br>COUPLING NUT | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303 | GOLD PLATE PER MIL-G-45204 |
| DIELECTRIC | PTFE FLUOROCARBON PER ASTM-D-1457 | N/A |
| CENTER CONTACT | BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H | GOLD PLATE PER MIL-G-45204 |
| RETAINING RING | BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H | N/A |
| GASKET | SILICONE RUBBER PER ZZ-R-765 | N/A |
| SHRINK TUBING | HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4 | N/A |
| FERRULE | COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM | GOLD PLATE PER MIL-G-45204 |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC ± 1/64 DEC ±.005 ANGLES ± 1°

DRAWN BY DMM DATE 6/22/99
CHECKED BY
APP'D BY DCamelio 6/22/99



USE ASS'Y PROCEDURE

408-04757
NO. A.P. (10-043)

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE OSSM RIGHT ANGLE CABLE PLUG-SOLDER ATTACHMENT

| SIZE | CODE IDENT NO. | | REV |
|---|---|---|---|
| B | 26805 | 1037-5031-00 | $01_0$ |
| SCALE 4:1 | | | SHEET 1 OF 1 |

CUSTOMER DRAWING

AMP PART # 1082286-1
SHEET 1 OF 1 REV A