


| ELECTRICAL | MECHANICAL | ENVIRONMENTAL |
|---|---|---|
| Nominal Impedance (Ohms) <u>50</u> | Interface Dimensions MIL-STD-348A, Fig. <u>304.1</u> | Temperature Rating <u>-65°C to +165°C</u> |
| Frequency Range (GHz) DC to <u>11</u> | Recommended Mating | Vibration MIL-STD-202, Method 204, Condition B. |
| Volt Rating (VRMS MAX) @ Sea Level <u>250</u> | Torque <u>12 - 15 in-lbs</u> | Shock MIL-STD-202, Method 213, Condition I. |
| VSWR <u>1.10 + .01 f(GHz)</u> | Mating Characteristics: | Thermal Shock MIL-STD-202, Method 107, Condition B. |
| Insertion Loss (dB MAX) <u>.07 √f(GHz)</u> | Insertion (MAX Lbs) <u>2.0</u> | Except High Temp 85°C |
| RF Leakage (dB MIN) <u>-[60- f(GHz)]</u> | Withdrawal (MIN Oz) <u>2.0</u> | Moisture Resistance MIL-STD-202, Method 106 |
| Corona, 70,000 Ft (VRMS MIN) <u>500</u> | Force to Engage and Disengage (In-Lbs MAX) <u>6.0</u> | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>2,500</u> | Center Contact Captivation | |
| Contact Resistance (Milliohms MAX) | Axial (Lbs) <u>N/A</u> | |
| Center Contact <u>4.0</u> | Radial (In-Oz) <u>N/A</u> | |
| Outer Contact <u>0.2</u> | Cable Retention | |
| Cable to Housing <u>N/A</u> | Axial Force (Lbs) <u>N/A</u> | |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,500</u> | Torque (In-Oz) <u>N/A</u> | |
| LR.(Megohms MIN) <u>5,000</u> | Weight (Grams) <u>TBD</u> | |

| COMPONENT | MATERIAL | FINISH |
|----------------------|--|----------------------------|
| HOUSING COUPLING NUT | BRASS PER ASTM-B-16 HALF HARD | NICKEL PLATE QQ-N-290 |
| DIELECTRIC | TFE FLUOROCARBON PER ASTM-D-1457 | N/A |
| CENTER CONTACT | BRASS PER ASTM-B-16, HALF HARD | 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 |

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|---|-------------|---|--------------------------------|---|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | DRAWN BY R.M.C. DATE 5/18/71 | |  AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599 |
| FRAC. ± 1/64 | DEC. ± .005 | ANGLES ± 1° | CHECKED BY P.R.B. DATE 5/20/71 | |
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| USE ASSY PROCEDURE | | TITLE TYPE N FLANGE MOUNT PLUG RECEPTACLE STRAIGHT TERMINAL | | |
| NO. A.P. <u>N/A</u> | | SIZE <u>B</u> | CODE IDENT NO. <u>26805</u> | REV <u>01₃</u> |
| | | SCALE <u>3:1</u> | <u>3051-1200-10</u> | SHEET 1 OF 1 |

CUSTOMER DRAWING

AMP PART # 1057277-1
SHEET 1 OF 1 REV B