


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

|   |                                |   |
|---|--------------------------------|---|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES   | DRAWN BY R.M.C. DATE 5/18/71   | <br><b>AMP Incorporated</b><br>140 Fourth Avenue<br>Waltham, MA 02451-7599 |
| FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°   | CHECKED BY P.R.B. DATE 5/20/71 |   |
| These drawings and specifications are the property of AMP Interconnect Div. and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission. | APPD BY P.W. DATE 5/20/71      |   |
| USE ASSY PROCEDURE  | NO. A.P. <u>N/A</u>            | TITLE TYPE N FLANGE MOUNT PLUG RECEPTACLE STRAIGHT TERMINAL<br>SIZE B CODE IDENT NO. 26805 3051-1200-10 REV 01 <sub>3</sub><br>SCALE 3:1 SHEET 1 OF 1           |

CUSTOMER DRAWING

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