



| REVISIONS | | | |
|-----------------|---------------------|-------------------|-------------------------------|
| REV | DESCRIPTION | DATE | APPROVED |
| 01 ₂ | REVISED | PATLAN 7-28-98 | <i>[Signature]</i> 3/31/99 |
| B | PER EC 0U20-0694-00 | 10/2/01 | <i>[Signature]</i> 10/2/01 |

| | | |
|---------------------------|--|----------------------------|
| HOUSING COUPLING NUT | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303 | PASSIVATE PER QQ-P-35 |
| DIELECTRIC | PTFE FLUOROCARBON PER ASTM-D-1457 | N/A |
| CONTACT EXT. | BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H | GOLD PLATE PER MIL-G-45204 |
| CENTER CONTACT | BRASS PER ASTM-B-16, HALF HARD | GOLD PLATE PER MIL-G-45204 |
| INNER SLEEVE SPLIT WASHER | BRASS PER ASTM-B-16, HALF HARD | NICKEL PLATE |
| SPRING WASHER | BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H | NICKEL PLATE |
| CAP | VINYL PLASTIC | N/A |
| GASKET | SILICONE RUBBER PER ZZ-R-765 | N/A |

| ELECTRICAL | MECHANICAL | ENVIRONMENTAL |
|---|---|---|
| Nominal Impedance (Ohms) <u>50</u> | Interface Dimensions MIL-STD-348A, Fig. 301-1 BNC | Temperature Rating <u>-65 TO +165°C</u> |
| Frequency Range (GHz) DC to <u>4.0</u> | Fig. 304-2 OSN | Shock MIL-STD-202, Method 213, Condition I |
| Volt Rating (VRMS MAX) @ Sea Level <u>500</u> | Recommended Mating Torque <u>N/A</u> | Moisture Resistance MIL-STD-202, Method 106 |
| VSWR <u>1.35 MAX @ 0.5 TO 4 GHz</u> | Mating Characteristics: Insertion (MAX Lbs) <u>2.0</u> | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray |
| Insertion Loss (dB MAX) <u>0.1 MAX @ 3 GHz</u> | Withdrawal (MIN Oz) <u>2.0</u> | |
| RF Leakage (dB MIN) <u>-55 @ 2-3 GHz</u> | Force to Engage and Disengage (In-Lbs MAX) <u>6.0 BNC</u> | |
| Corona, 70,000 Ft (VRMS MIN) <u>375</u> | <u>3.0 OSN</u> | |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u> | Center Contact Captivation Axial (Lbs) <u>6.0</u> | |
| Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u> | Radial (In-Oz) <u>N/A</u> | |
| Outer Contact <u>1.5</u> | Cable Retention Axial Force (Lbs) <u>NA</u> | |
| Cable to Housing <u>N/A</u> | Torque (In-Oz) <u>N/A</u> | |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u> | Weight (Grams) <u>TBD</u> | |
| LR.(Megohms MIN) <u>5,000</u> | | |

| COMPONENT | MATERIAL | FINISH |
|---|-------------|---|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | |
| FRAC. ± 1/64 | DEC. ± .005 | ANGLES ± 1° |
| DRAWN BY SA DATE 9-16-86 | | AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599 |
| CHECKED BY BGH DATE 9-16-86 | | |
| APP'D BY RL DATE 9-17-86 | | |
| USE ASSY PROCEDURE | | TITLE "N" JACK TO "BNC" PLUG COAXIAL ADAPTER |
| NO. A.P. <u>N/A</u> | | SIZE B CODE IDENT NO. 26805 3082-2321-00 REV 01 ₂ |
| SCALE 3:1 | | SHEET 1 OF 1 |

.XXX = in
XX.X = mm (REF)