



| REVISIONS | | | |
|-----------|-------------------------|----------|-------------------------|
| REV | DESCRIPTION | DATE | APPROVED |
| 010 | RELEASED | 10/24/79 | FW |
| A | REV/ECN 19297 | 11/17/89 | B.W. |
| 011 | REVISED PER ECN 92-0010 | 08/21/92 | <i>M.M.</i> 10/30/92 |

| ELECTRICAL | MECHANICAL | ENVIRONMENTAL |
|---|------------------------------------|--|
| Nominal Impedance (Ohms) <u>50</u> | Interface Dimensions | Temperature Rating <u>-65°C to +125°C</u> |
| Frequency Range (GHz) <u>DC to 4</u> | BNC <u>MIL-STD-348A Fig. 301.1</u> | Vibration <u>MIL-STD-202, Method 204, Condition D</u> |
| Volt Rating (VRMS MAX) | SMB <u>MIL-STD-348A Fig. 311.2</u> | Shock <u>MIL-STD-202, Method 213, Condition B</u> |
| @ Sea Level <u>335</u> | Mating Characteristics: | Thermal Shock <u>MIL-STD-202, Method 107, Condition C</u> |
| VSWR <u>1.15+0.01f(GHz)</u> | | Moisture Resistance <u>MIL-STD-202, Method 106</u> |
| Insertion Loss (dB MAX) <u>.125</u> | | Corrosion - <u>MIL-STD-202, Method 101, Condition B, 5% salt spray</u> |
| RF Leakage (dB MIN) <u>-55</u> | | |
| Corona, 70,000 Ft (VRMS MIN) <u>250</u> | | |
| Dielectric Withstanding Voltage | | |
| (VRMS MIN) @ Sea Level <u>1000</u> | | |
| Contact Resistance (Milliohms MAX) | | |
| Center Contact <u>6.0</u> | | |
| Outer Contact <u>2.0</u> | | |
| RF High Potential @ Sea Level | | |
| (VRMS MIN @ 5 MHz) <u>1000</u> | | |
| I.R.(Megohms MIN) <u>1000</u> | | |

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|----------------|--|--|
| HOUSING SLEEVE | BRASS PER QQ-B-626 COMP. 360, HALF HARD | NICKEL PLATE PER QQ-N-290 OVER COPPER PLATE PER MIL-C-14550 |
| DIELECTRIC | TFE FLUOROCARBON PER ASTM-D-1457 | N/A |
| CENTER CONTACT | BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H | GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550 |
| RETAINING RING | BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H | N/A |
| COMPONENT | MATERIAL | FINISH |

| | | | |
|---|--------------------|--------------|---|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON | DRAWN BY | DATE | AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599 |
| | RR | 10/18/79 | |
| FRAC. DEC. ANGLES ± 1/64 ±.005 ± ° | CHECKED BY | | AMP |
| | R SMITH | 10/24/79 | |
| These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission. | APPD BY | | TITLE SMB PLUG TO BNC JACK ADAPTER |
| | D. GORDEN | 11/21/89 | |
| USE ASS'Y PROCEDURE | NO. AP. <u>N/A</u> | SIZE B | CODE IDENT NO. 26805 |
| | | SCALE 4:1 | 3282-2223-00 |
| | | | REV 01_1 |
| | | | SHEET 1 OF 1 |