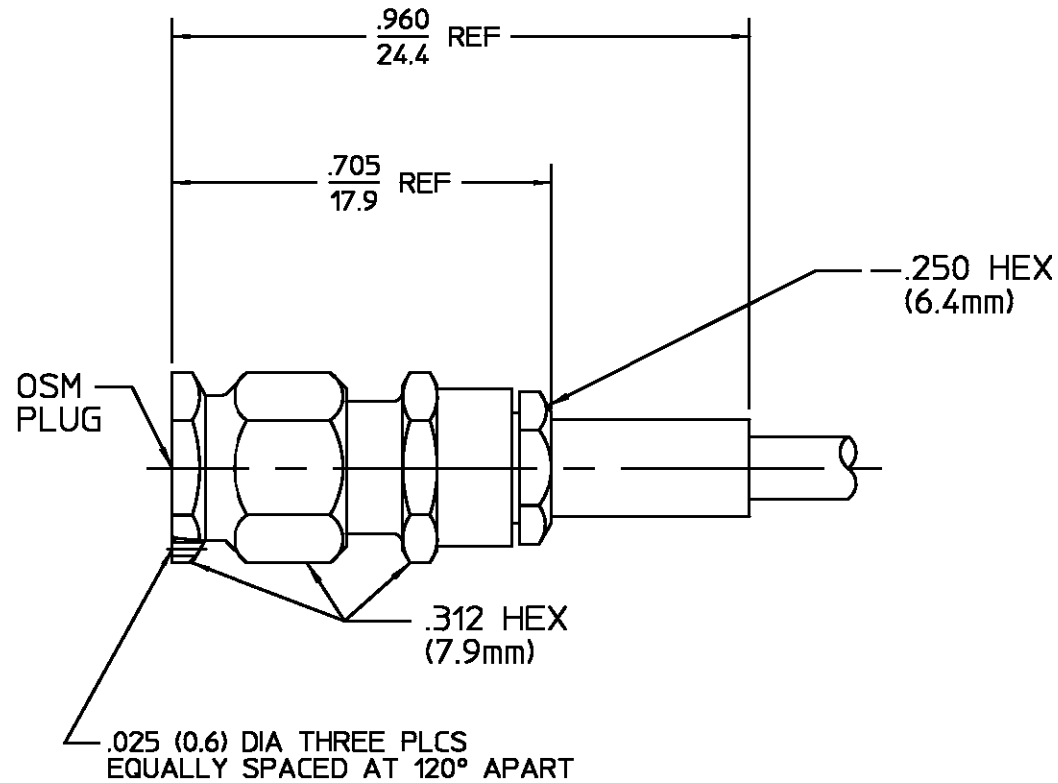


| | | | | |
|---------------------------------------|-----------|-------------|---------|-----------|
| DESIGNED FOR USE WITH RG188U CABLE | REVISIONS | | | |
| CABLE ENTRY DIAMETER MINIMUM | REV | DESCRIPTION | DATE | APPROVED |
| CONTACT | 010 | RELEASED | 7/16/94 | <i>RA</i> |
| SLEEVE | | | | |
| CLAMP NUT | | | | |



| | | |
|--|--|-------------------------------|
| HOUSING COUPLING NUT CLAMP NUT SLEEVE | STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303 | PASSIVATE PER ASTM-A-380 |
| DIELECTRIC | TFE FLUOROCARBON PER ASTM-D-1457 | N/A |
| REAR DIELECTRIC | NYLON OR ZYTEL #101 PER MIL-M-20693A | N/A |
| CENTER CONTACT | BERYLLIUM COPPER PER ASTM B 196, 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 |
| FERRULE | COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM | GOLD PLATE PER MIL-G-45204 |
| COMPONENT | MATERIAL | FINISH |

| ELECTRICAL | MECHANICAL | ENVIRONMENTAL |
|--|--|--|
| Nominal Impedance (Ohms) <u>50</u> | Interface Dimensions MIL-STD-348A, Fig. 310.1 | Temperature Rating <u>-65°C To +165°C</u> |
| Frequency Range (GHz) DC to <u>12.4</u> | Recommended Mating | Vibration MIL-STD-202, Method 204, Condition D |
| Volt Rating (VRMS MAX) @ Sea Level <u>250</u> | Torque <u>7-10 IN-LB</u> | Shock MIL-STD-202, Method 213, Condition I |
| VSWR <u>1.15±.02 f(GHz)</u> | Mating Characteristics: | Thermal Shock MIL-STD-202, Method 107, Condition B, |
| Insertion Loss (dB MAX) <u>.06√f(GHz)</u> | Insertion (MAX Lbs) <u>N/A</u> | Moisture Resistance MIL-STD-202, Method 106, |
| RF Leakage (dB MIN) <u>-60</u> | Withdrawal (MIN Oz) <u>N/A</u> | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray |
| Corona, 70,000 Ft (VRMS MIN) <u>190</u> | Force to Engage and Disengage (In-Lbs MAX) <u>2</u> | |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u> | Center Contact Captivation | |
| Contact Resistance (Milliohms MAX) | Axial (Lbs) <u>6.0</u> | |
| Center Contact <u>3.0</u> | Radial (In-Oz) <u>N/A</u> | |
| Outer Contact <u>2.0</u> | Cable Retention | |
| Cable to Housing <u>0.5</u> | Axial Force (Lbs) <u>20 MIN</u> | |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u> | Torque (In-Oz) <u>N/A</u> | |
| I.R.(Megohms MIN) <u>5,000</u> | Weight (Grams) <u>TBD</u> | |

| | | | |
|---|---------------------------------------|--|----------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON | DRAWN BY <i>RA</i> DATE <u>7/5/94</u> | AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599 | |
| FRAC. DEC. ANGLES ± 1/64 ±.005 ± ° | CHECKED BY <i>RA</i> | AMP | |
| 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 <i>RA</i> DATE <u>7/16/94</u> | TITLE <u>OSM STRAIGHT CABLE PLUG- CRIMP ATTACHMENT M39012/55-3026 CAT. C</u> | |
| USE ASS'Y PROCEDURE | NO. AP. <u>408-04933 (20-517)</u> | SIZE <u>B</u> CODE IDENT NO. <u>26805</u> | REV <u>010</u> |
| | | SCALE <u>3:1</u> | SHEET 1 OF 1 |

.XXX = in
XX.X = mm