



DESIGNED FOR USE WITH RG-188/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.125
HOUSING	.066
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₃	REACTIVATED	1/26/99	<i>[Signature]</i>

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, 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
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.1</u>	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 B.
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	Torque <u>7 to 10 in-lbs</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.15 ±.015F (GHz)</u>	Force to Engage and Disengage (in-lbs MAX) <u>2.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B.
Insertion Loss (dB MAX) <u>.15 @ 6 GHz</u>	Center Contact Captivation	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-60 @ 2 - 3 GHz</u>	Axial (lbs) <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Radial (in-oz) <u>N/A</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (lbs) <u>20.0</u>	
Center Contact <u>3.0</u>	Torque (in-lbs) <u>N/A</u>	
Outer Contact <u>2.0</u>	Coupling Nut	
Cable to Housing <u>0.5</u>	Retention (lbs MIN) <u>60</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>	Proof Torque (in-lbs MIN) <u>15</u>	
I.R.(Megohms MIN) <u>5,000</u>	Weight (Grams) <u>2.9</u>	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC. DEC. ANGLES
± 1/64 ±.005 ± °

DRAWN BY: DRF DATE: 10/14/76
CHECKED BY: ECH DATE: 1-17-77
APPD BY: RME DATE: 1/19/77

USE ASS'Y PROCEDURE
408-04735
NO. AP. (20-049)

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE: OSM SRTAIGHT
CABLE PLUG
CRIMP ATTACHMENT

SIZE: B CODE IDENT NO.: 26805 2031-5006-00 REV: 02₃

SCALE: 5 : 1 SHEET: 1 OF 1

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

CUSTOMER DRAWING

AMP PART # 1051654-1
SHEET 1 OF 1 REV A