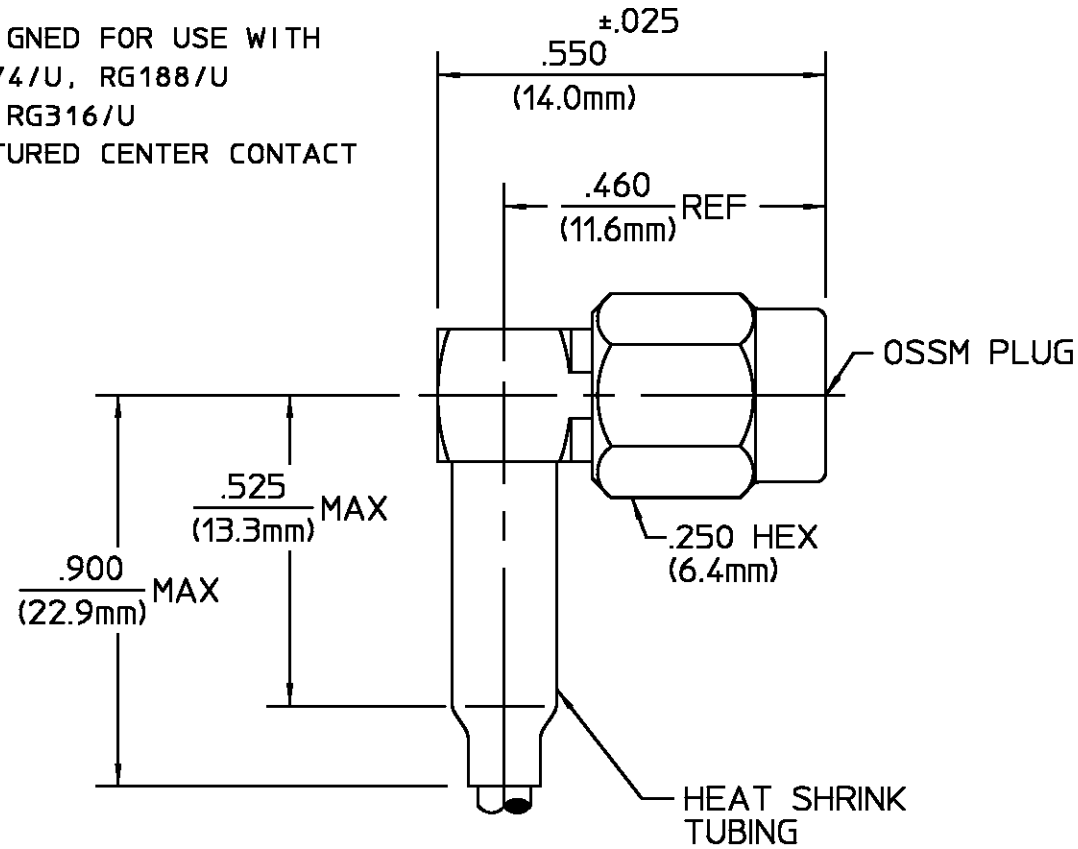


NOTES:

- DESIGNED FOR USE WITH RG174/U, RG188/U AND RG316/U
- CAPTURED CENTER CONTACT



CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.065
CONTACT	.023
FERRULE	.128

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02	REDRAWN ON CAD ECN 92-0009 <i>RAC</i>	6/30/94	<i>RAC</i> 6/30/94

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A-380
CAP		
COUPLING NUT		
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER QQ-C-530, ASTM B196, B197	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER QQ-C-530, ASTM B196, B197	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
FERRULE	SOFT COPPER ALLOY	GOLD PLATE PER MIL-G-45204
SHINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348, Fig. 319.1	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) <u>DC to 35.0</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Torque (In/Lbs) <u>7 to 8</u>	Shock MIL-STD-202, Method 213, Condition I
@ Sea Level <u>250</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C
VSWR <u>1.10 +.015(f)GHz</u>	Insertion (MAX Lbs) <u>3.0</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Insertion Loss (dB MAX) <u>.04√ f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) <u>-60 @ 2-3 GHz</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Axial (Lbs) <u>6.0</u>	
Contact Resistance (Milliohms MAX)	Radial (In/Oz) <u>4.0</u>	
Center Contact <u>2.0</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial Force (Lbs) <u>20</u>	
Cable to Housing <u>0.5</u>	Weight (Grams) <u>2.3</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>		
LR.(Megohms MIN) <u>5000</u>		

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		
FRAC	DEC	ANGLES
± 1/64	±.005	± 1°
DRAWN BY <u>E.J.C.</u> DATE <u>4/12/71</u>		 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
CHECKED BY <u>PRB</u> DATE <u>4/22/71</u>		
APPD BY <u>BWC</u> DATE <u>4/22/71</u>		
USE ASS'Y PROCEDURE		TITLE <u>OSSM RIGHT ANGLE CABLE PLUG-CRIMP ATTACHMENT</u>
NO. AP. <u>408-04782 (10-020)</u>		SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 1037-7188-02 REV <u>02</u>
SCALE <u>4:1</u>		SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1045520-1  
SHEET 1 OF 1 REV A