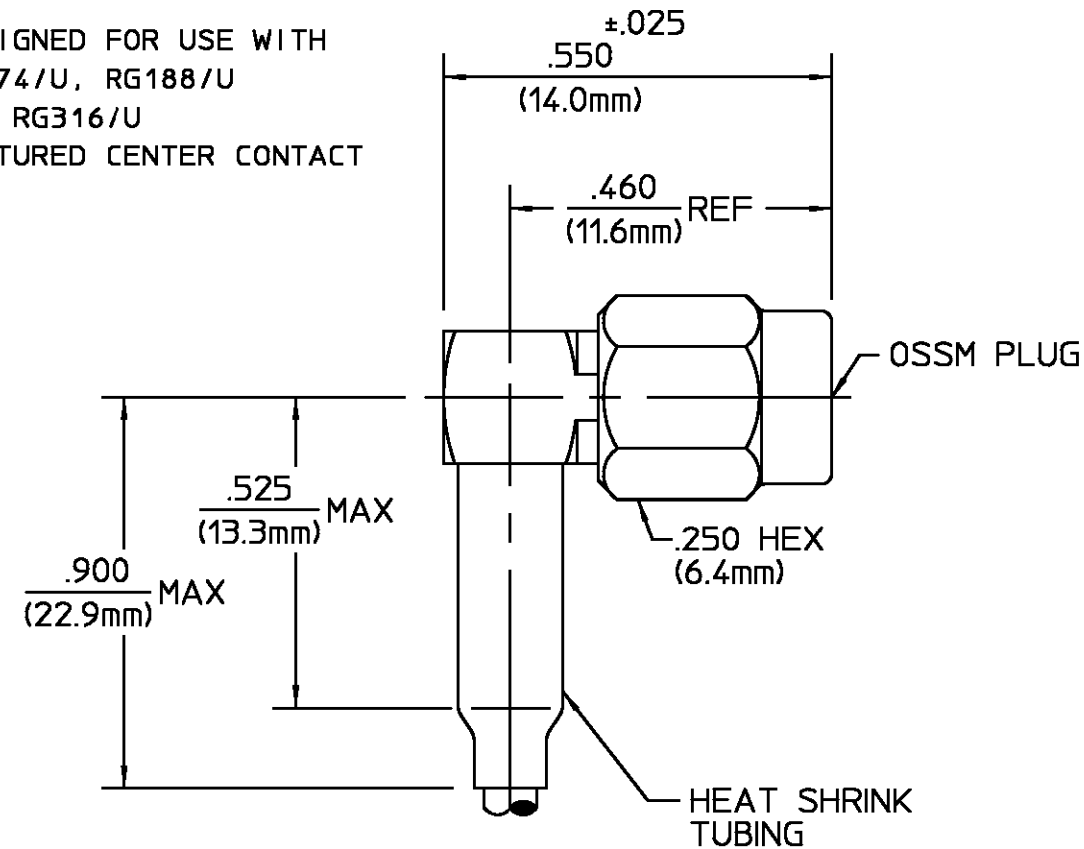


NOTES:

1. DESIGNED FOR USE WITH
RG174/U, RG188/U
AND RG316/U
2. 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	6/30/94	

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

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
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC DEC ANGLES ± 1/64 ±.005 ± 1°	DRAWN BY E.J.C. DATE 4/12/71 CHECKED BY PRB 4/22/71 APPD BY BWC 4/22/71	AMP Incorporated - 140 Fourth Avenue Waltham, MA 02451-7599
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 item(s) without written permission.	USE ASS'Y PROCEDURE 408-04782 NO. AP. (10-020)	TITLE OSSM RIGHT ANGLE CABLE PLUG-CRIMP ATTACHMENT
	SIZE B	CODE IDENT NO. 26805
	SCALE 4:1	1037-7188-02
		REV 02
		SHEET 1 OF 1

CUSTOMER DRAWING

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