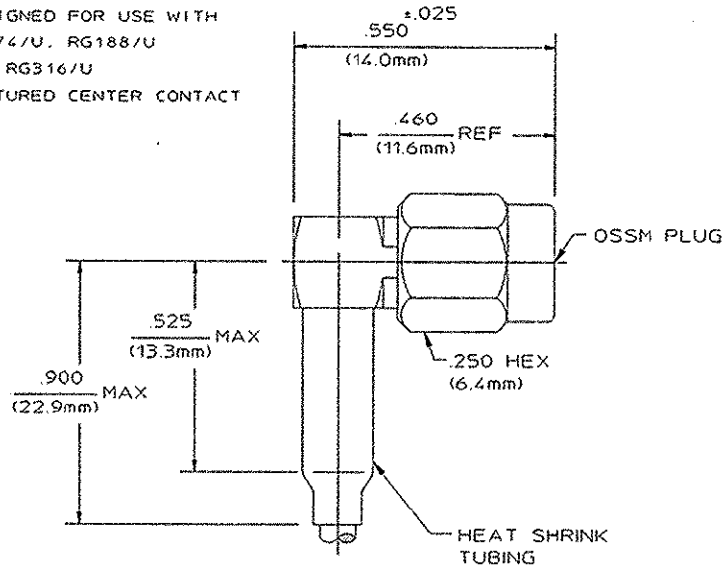


NOTES:

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



CABLE ENTRY DIAMETER MINIMUM		REVISIONS			
		REV	DESCRIPTION	DATE	APPROVED
HOUSING	.065	02 ₁	REDRAWN ON CAD ECN 92-0009	6/30/94	<i>PRB</i>
CONTACT	.023				
FERRULE	.128				

COMPONENT	MATERIAL	FINISH
HOUSING CAP COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A-380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER 00-C-530, ASTM B196, B197	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER 00-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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC DEC ANGLES ± 1/64 ± .005 ± 1°	DRAWN BY EJC CHECKED BY PRB DATE 4/12/71 4/22/71	 M/A-COM Interconnect Division Waltham, Massachusetts 02254 INTERCONNECT DIVISION
These drawings and specifications are the property of Omnis 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 parts without written permission.	TITLE OSSM RIGHT ANGLE CABLE PLUG-CRIMP ATTACHMENT USE ASSY PROCEDURE NO. AP. 10-020	
SCALE B	CODE DEPT NO 26805	1037-7188-02
		REV 02 ₁
		SHEET 1 OF 1

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 - 0.15 (1GHz)	Insertion (MAX Lbs) 3.0	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Insertion Loss (dB MAX) .04 (1GHz)	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) 30	
Cable to Housing 0.5	Weight (Grams) 2.3	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500		
IR (Megohms MIN) 5000		

CUSTOMER

Tyco PART # 1045520
SHEET 1 of 1 REV 0