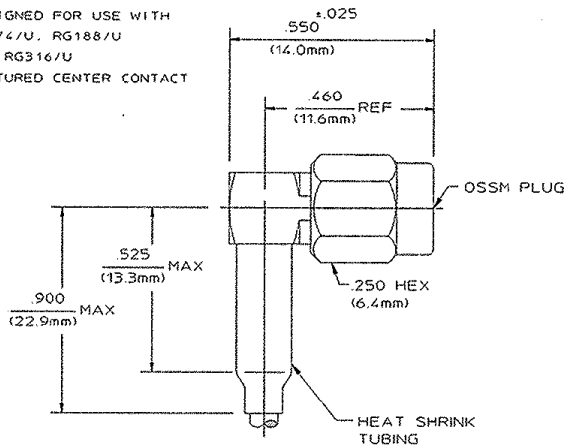


- NOTES:
- DESIGNED FOR USE WITH RG174/U, RG188/U AND RG316/U
  - CAPTURED CENTER CONTACT



CABLE ENTRY DIAMETER (MINIMUM)	
HOUSING	065
CONTACT	023
FERRULE	128

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 <sub>1</sub>	REDRAWN ON CAD ECN 92-0009	6/30/94	<i>[Signature]</i>

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

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348, Fig. 319.1	Temperature Rating -65°C to +105°C
Frequency Range (GHz) 0C to 35.0	Recommended Mating Torque (in/Lbs) 7 to 8	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (V RMS MAX) @ Sea Level 250	Mating Characteristics	Shock MIL-STD-202, Method 215, Condition I
VSWR 1.10 - 0.15GHz	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C
Insertion Loss (dB MAX) .04 (1GHz)	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) -60 @ 2-3 GHz	Force to Engage and Disengage (in/Lbs MAX) 2.0	Shall Be Omitted
Corona, 70,000 Ft (V RMS MIN) 190	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (V RMS MIN @ Sea Level) 750	Axial (Lbs) 6.0	
Contact Resistance (Milliohms MAX) 2.0	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 (V RMS MIN @ 5 MHz) 500		
IR (Megohms MIN) 5000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY E.J.C.	DATE 4/12/71
TOLERANCE ON	FRAC DEC ANGLES	PRB 4/22/71
+ .1/64 + .005 + .1"	APPROVED BY B.W.C.	4/22/71
USE ASSY PROCEDURE		
These drawings and specifications are the property of Gen. Spectra incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture of parts of material without written permission.	M/A-COM Interconnect Division Waltham, Massachusetts 02254 INTERCONNECT DIVISION TITLE OSSM RIGHT ANGLE CABLE PLUG-CRIMP ATTACHMENT	
NO. AP. 10-020	SIZE B	CODE-DEPT NO 1037-7188-02
REV 02 <sub>1</sub>	QUANTITY 26805	REV 02 <sub>1</sub>
	SCALE 4:1	SHEET 1 OF 1

CUSTOMER

Tyco PART # 1045520  
SHEET 1 of 1 REV 0

NOT the LATEST REVISION