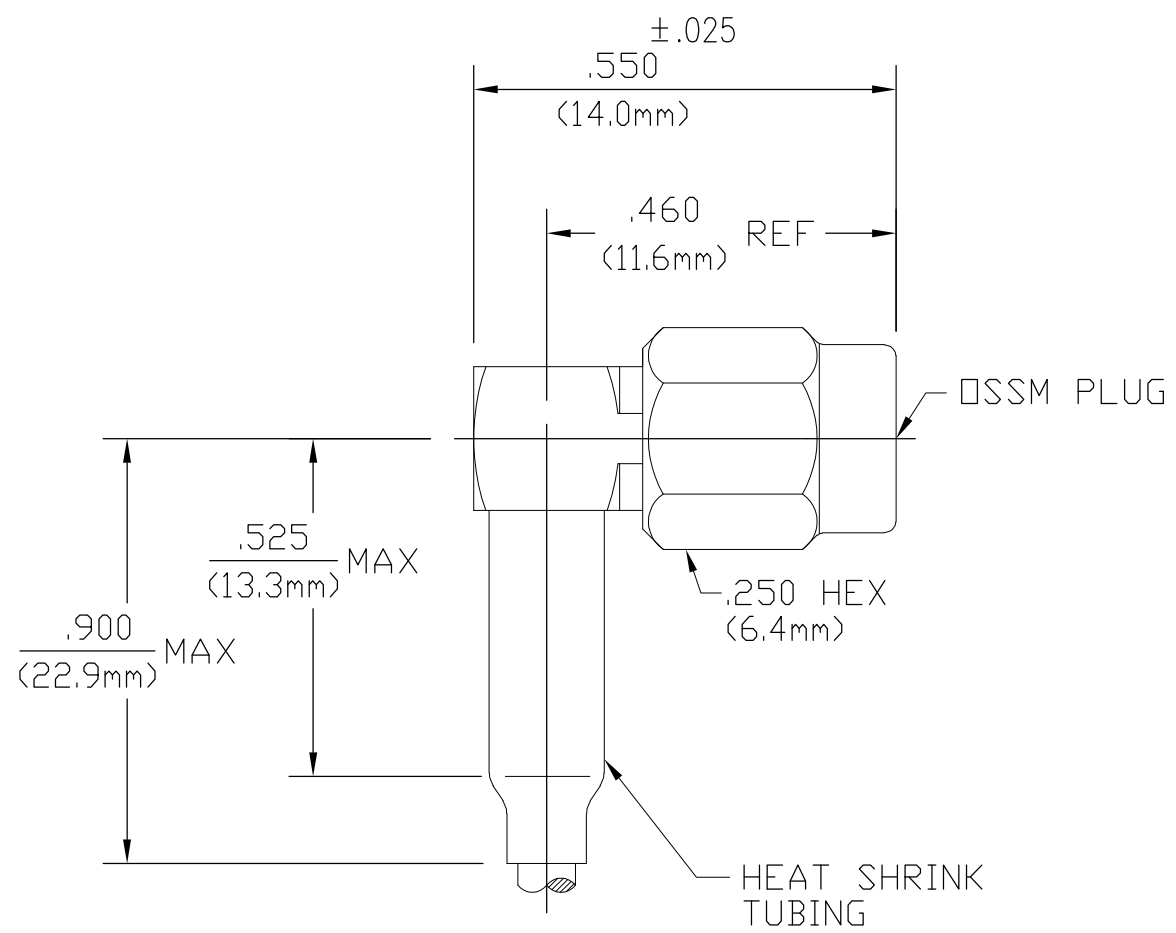


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL INTERNATIONAL RIGHTS RESERVED.

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			B	REV PER ECO 08-016172	06NOV08	PK	DW



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

COMPONENT	MATERIAL	FINISH
HOUSING CAP COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
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) @ Sea Level <u>250</u>	Torque (In/Lbs) <u>7 to 8</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.10 +.015(f)GHz</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP 115°C
Insertion Loss (dB MAX) <u>.04 √f(GHz)</u>	Insertion (MAX Lbs) <u>3.0</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) <u>-60 @ 2-3 GHz</u>	Withdrawal (MIN Oz) <u>1.0</u>	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u>	Axial (Lbs) <u>6.0</u>	
Outer Contact <u>2.0</u>	Radial (In/Oz) <u>4.0</u>	
Cable to Housing <u>0.5</u>	Cable Retention	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>	Axial Force (Lbs) <u>20</u>	
I.R.(Megohms MIN) <u>5000</u>	Weight (Grams) <u>2.3</u>	

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN E.J.C	4/12/71	 Tyco Electronics Corporation Harrisburg, PA 17105-3608
CHK PRB	4/22/71	
APVD BWC	4/22/71	
PRODUCT SPEC		
NAME		OSSM RIGHT ANGLE CABLE PLUG-CRIMP ATTACHMENT
APPLICATION SPEC		
408-4782		SIZE A3
WEIGHT -		CAGE CODE 00779
CUSTOMER DRAWING		DRAWING NO G-1045519-1
		RESTRICTED TO -
		SCALE 4:1
		SHEET 1 OF 1
		REV B