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LOC	DIST
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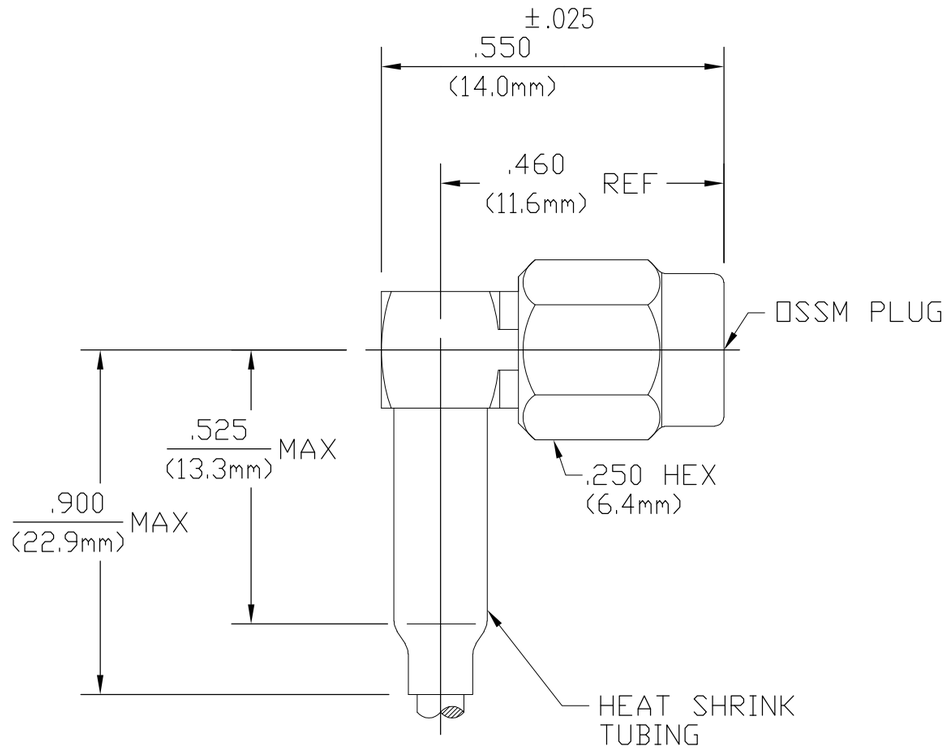
REVISIONS

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

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 Torque (In/Lbs) 7 to 8	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 250	Mating Characteristics: Insertion (MAX Lbs) 3.0	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.10 +.015(f)GHz	Withdrawal (MIN Oz) 1.0	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP 115$C
Insertion Loss (dB MAX) .04 $\sqrt{f(GHz)}$	Force to Engage and Disengage (In/Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106, Except Vibration Shall Be Omitted
RF Leakage (dB MIN) -60 @ 2-3 GHz	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 190	Radial (In/Oz) 4.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Cable Retention Axial Force (Lbs) 20	
Contact Resistance (Milliohms MAX) Center Contact 2.0	Weight (Grams) 2.3	
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500		
I.R.(Megohms MIN) 5000		

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

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005
4 PLC ± -
ANGLES ± 1°

MATERIAL: SEE TABLE
FINISH: SEE TABLE

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

1470-19 (1/08)

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