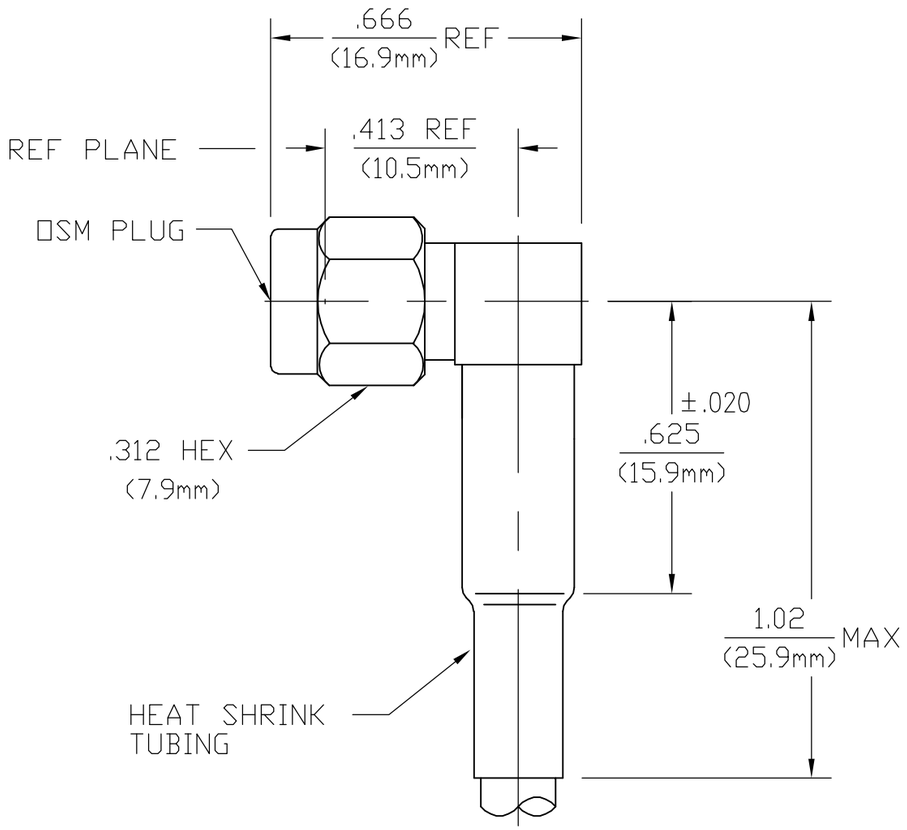
LOC	DIST
AJ	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REVISED PER ECO-07-004710	3/15/2007	DW	KW

DESIGNED FOR USE WITH RG-142/U FLEX CABLE	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.216
CONTACT	.040
HOUSING	.119



COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H OR BRASS PER ASTM-B-16	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

ELECTRICAL		MECHANICAL		ENVIRONMENTAL
Nominal Impedance (Ohms)	50	Interface Dimensions MIL-STD-348A,		TEMPERATURE RATING -65°C TO +125°C
Frequency Range (GHz)	DC 12.4	Fig. 310.1		Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)		Recommended Mating		204, Condition D
@ Sea Level	335	Torque	7-10 In-Lbs	Shock MIL-STD-202, Method 213,
VSWR	1.15+.01f(GHz)	Mating Characteristics:		Condition I
Insertion Loss (dB MAX)	$.07\sqrt{f(GHz)}$	Insertion (MAX Lbs)	N/A	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN)	-(60-fGHz)	Withdrawal (MIN Oz)	N/A	Method 107, Condition B,
Corona, 70,000 Ft (VRMS MIN)	250	Force to Engage and		EXCEPT HIGH TEMP +85°C
Dielectric Withstanding Voltage		Disengage (In-Lbs MAX)	2.0	Moisture Resistance MIL-STD-202,
(VRMS MIN) @ Sea Level	1000	Center Contact Captivation		Method 106, No Measurements at
Contact Resistance (Milliohms MAX)		Axial (Lbs)	6.0	High Humidity
Center Contact	3.0	Radial (In-Oz)	4.0	Corrosion - MIL-STD-202, Method
Outer Contact	2.0	Cable Retention		101, Condition B, 5% salt spray
Cable to Housing	0.5	Axial Force (Lbs)	40 Min	
RF High Potential @ Sea Level		Torque (In-Oz)	N/A	
(VRMS MIN @ 5 MHz)	670	Weight (Grams)	TBD	
I.R.(Megohms MIN)	10000			

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: -

FINISH: -

DWN	ESC	2/9/68
CHK	PRB	2/16/68
APVD	D.NANIA	2/23/68
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

tyco Electronics

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
OSM RIGHT ANGLE CABLE PLUG,
SOLDER ATTACHMENT (2037-5005-00)

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1052062	—

CUSTOMER DRAWING | SCALE 3:1 | SHEET 1 OF 1 | REV B

1052062-1
PART NUMBER