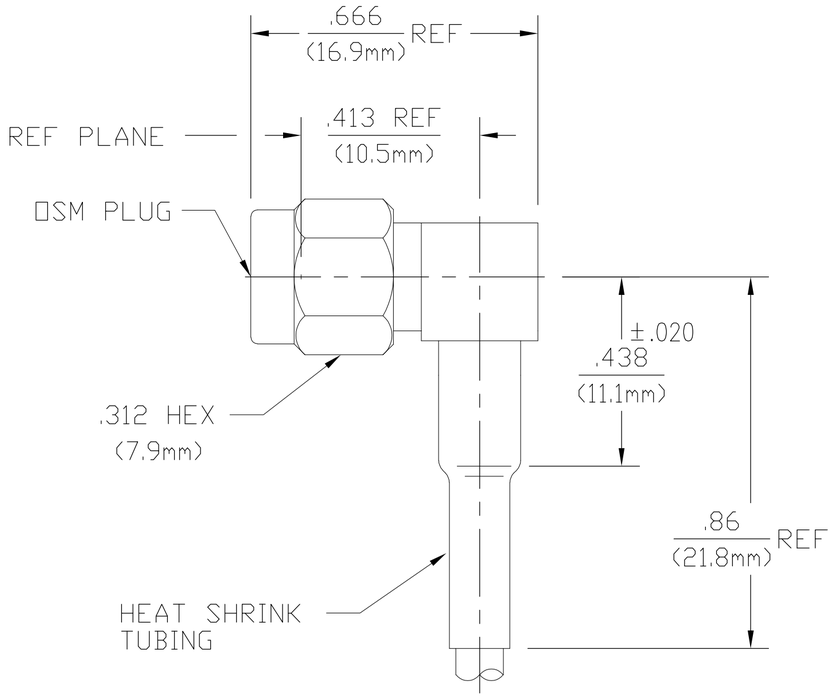
LOC	DIST
AJ	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REV PER ECO 07-004710	3/9/2007	DW	KW

DESIGNED FOR USE WITH RG-188/U FLEX CABLE	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.125
CONTACT	.025
HOUSING	.066



1052067-1
PART NUMBER

COMPONENT	MATERIAL	FINISH
HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
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, Fig. 310.1		TEMPERATURE RATING -65°C TO +125°C
Frequency Range (GHz)	DC 12.4	Recommended Mating Torque	7-10 In-Lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level	250	Mating Characteristics:		Shock MIL-STD-202, Method 213, Condition I
VSWR	1.15+.02f(GHz)	Insertion (MAX Lbs)	N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +85°C
Insertion Loss (dB MAX)	$.07\sqrt{f(GHz)}$	Withdrawal (MIN Oz)	N/A	Moisture Resistance MIL-STD-202, Method 106, No Measurements at High Humidity
RF Leakage (dB MIN)	-(60-fGHz)	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	3.0	Cable Retention		
Outer Contact	2.0	Axial Force (Lbs)	20 Min	
Cable to Housing	0.5	Torque (In-Oz)	N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	500	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 JOEL 7/28/77
CHK - -
APVD RMF 7/28/77
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
OSM RIGHT ANGLE CABLE PLUG-SOLDER ATTACMENT
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1052067	-

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

1052067