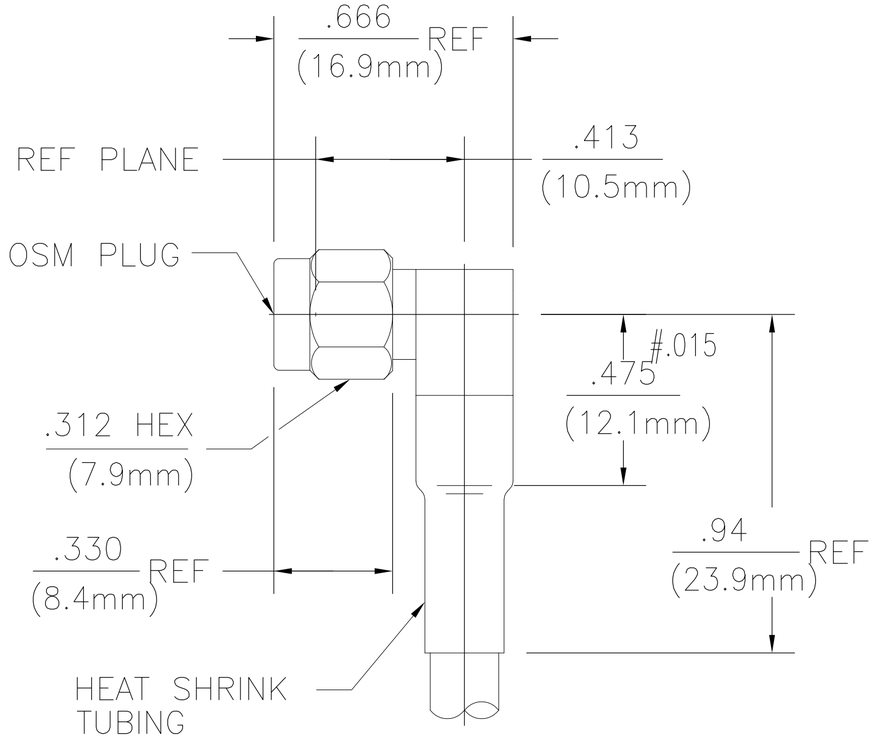
LOC	DIST
AJ	00

REVISIONS

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

DESIGNED FOR USE WITH RG-55/U, 142, 223 & 400 FLEXIBLE CABLES	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.040
HOUSING	.121



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348, Fig. 310.1	Temperature Rating -65$C TO 125$C
Frequency Range (GHz) Max operating frequency of cable per MIL-C-17	Recommended Mating Torque 7 to 10 Inch-Pounds	Vibration MIL-STD-202, Method 204, Cond. D
Voltage Rating (VRMS MIN) 335 @ Sea Level	Mating Characteristics:	Shock MIL-STD-202, Method 213, Cond. I
VSWR 1.15+.02f(GHz)	Insertion (MAX Lbs) N/A	Thermal shock MIL-STD-202 Method 107, Cond. B except HIGH TEMP SHALL BE 115$C
Insertion Loss(dB MAX) .07 f(GHz)	Withdrawal (MIN Oz) N/A	Moisture Resistance MIL-STD-202, Method 106, except step 7b (vibration) shall be omitted
Rf Leakage (dB MIN) -[60-f(GHz)]	Force to Engage and Disengage (In/Lbs MAX) 2.0	Corrosion MIL-STD-202, Method 101, Cond. B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation:	
D.W.V. (VRMS MIN) 1000 @ Sea Level	Axial (Lbs) 6.0	
Contact Resistance	Radial (Inch-Ounces) 4.0	
Center Contact (Milliohms MAX) 3.0	Cable Retention	
Outer Contact (Milliohms MAX) 2.0	Axial (Lbs) 40 Min(45 Min when used with double braid cable)	
Cable To Hsg. (Milliohms MAX) 0.5	Torque (Inch Ounces) N/A	
RF High Potential (VRMS MIN @ 5 MHz) 670 @ Sea Level	Weight (Grams) 4.8	
I.R. (Megohms Min) 10,000	Hermetic Seal N/A	

1052071-1
PART NUMBER

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 NICKEL PLATE PER QQ-N-290
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

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	EJC	6/17/68
CHK	BD	6/19/68
APVD	DN	6/19/68
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	

tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
OSM RIGHT ANGLE CABLE PLUG-CRIMP ATTACHMENT
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1052071	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 1 | REV B

1052071