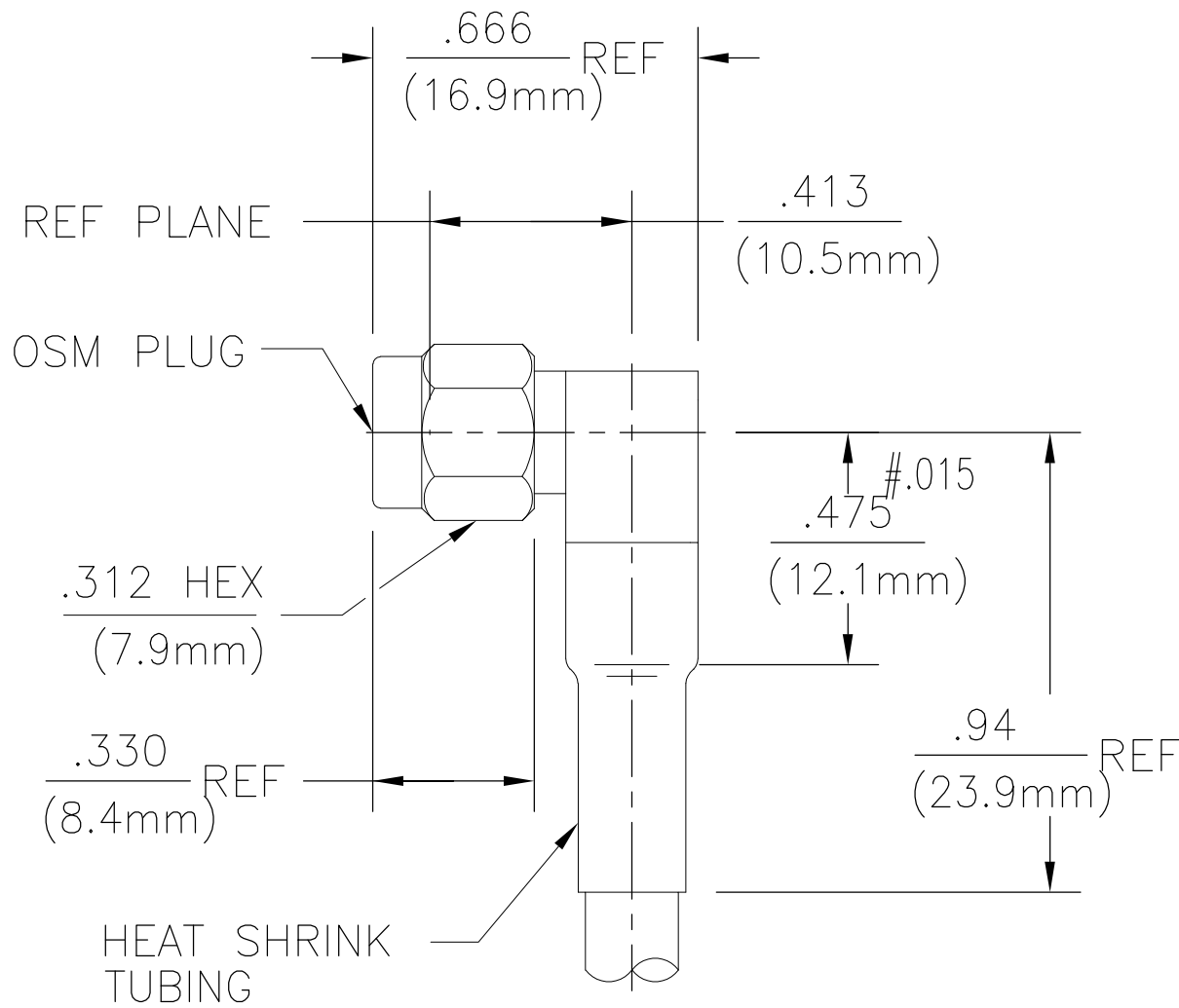


DESIGNED FOR USE WITH RG-58/U, 141, 303 FLEXIBLE CABLES	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.040
HOUSING	.121

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



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

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
COMPONENT	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DB 1/12/93	tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608				
DIMENSIONS: INCHES		CHK —	NAME OSM RIGHT ANGLE CABLE PLUG—CRIMP ATTACHMENT —				
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD DC 1/15/93					
	0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .005 4 PLC ± — ANGLES ± 1°	PRODUCT SPEC — APPLICATION SPEC —					
MATERIAL —	FINISH —	WEIGHT —	SIZE A2	CAGE CODE 00779	DRAWING NO C=1052092	RESTRICTED TO —	
CUSTOMER DRAWING					SCALE 2:1	SHEET 1 of 1	REV B