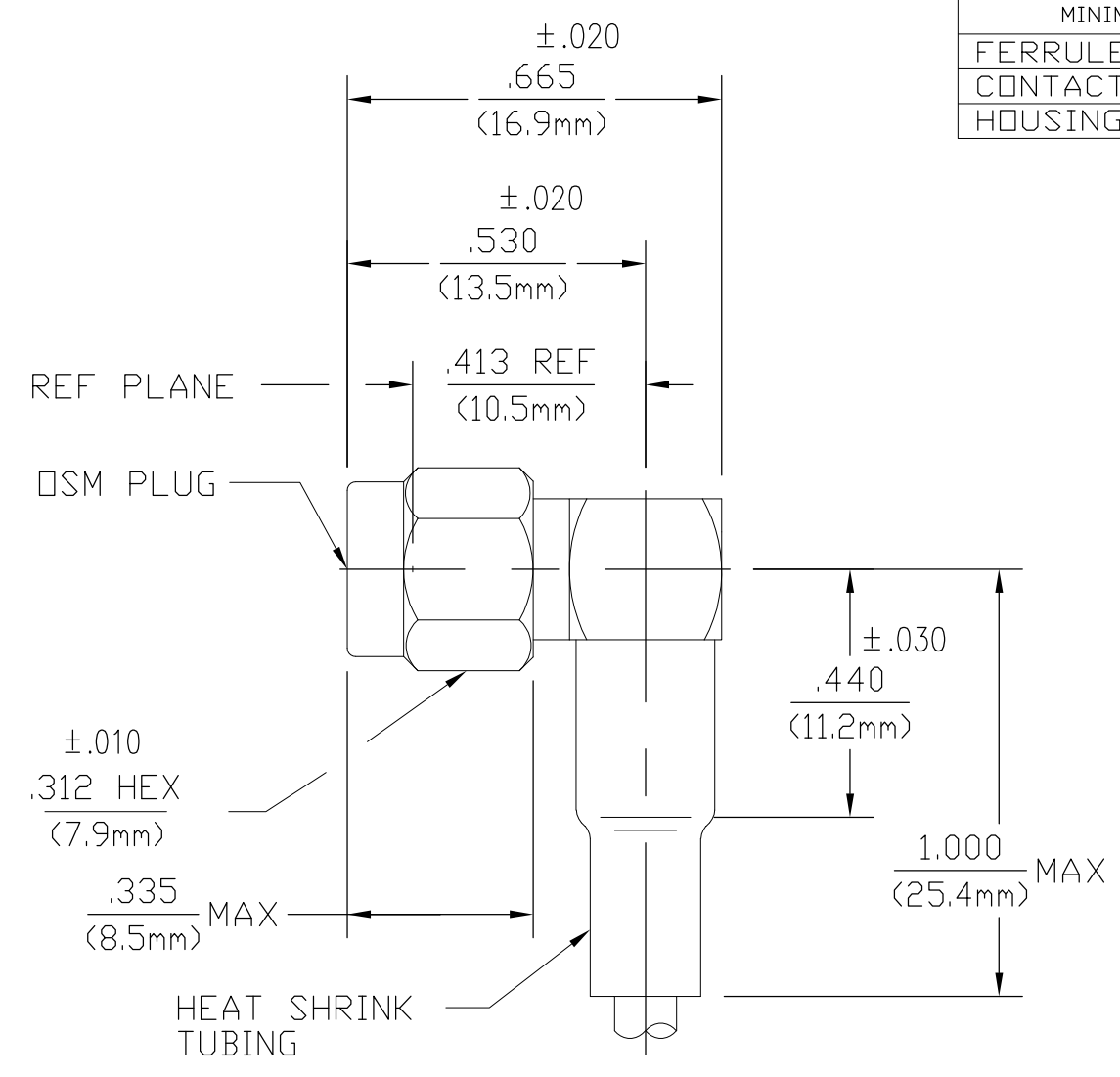


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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			B	REV PER ECO-07-028961	07DEC07	PY	DW

DESIGNED FOR USE WITH RD-188/U FLEX CABLE	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.137
CONTACT	.025
HOUSING	.066



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	BRASS PER ASTM B16 HALF HARD	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 B
Volt Rating (VRMS MAX) @ Sea Level 250	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.15+0.03F(GHz)	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +125°C
Insertion Loss (dB MAX) .15 √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 4.0	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) 5000		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN P. YEAGER 07DEC2007	Tyco Electronics Corporation Harrisburg, PA 17105-3608
	0 PLC ± -	CHK D. WILSON 07DEC07	
	1 PLC ± -	APVD D. WILSON 07DEC07	NAME OSM RIGHT ANGLE CABLE PLUG SOLDER ATTACHMENT
	2 PLC ± -	PRODUCT SPEC	SIZE A3
	3 PLC ± .005	APPLICATION SPEC	CAGE CODE 00779
MATERIAL SEE TABLE	4 PLC ANGLES ± - ± 1°	408-4815	DRAWING NO C-1062178
	FINISH -	WEIGHT -	RESTRICTED TO -

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