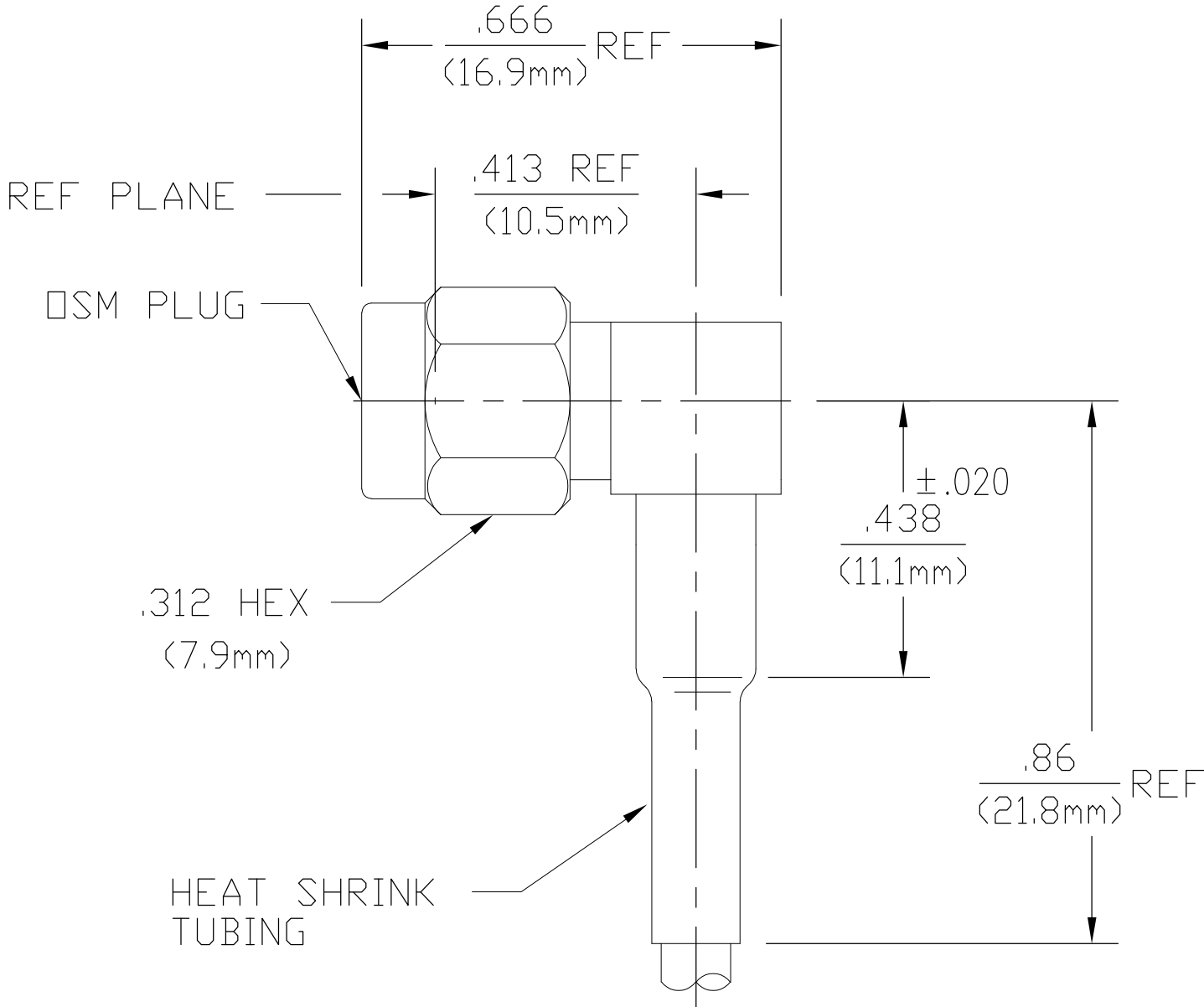


DESIGNED FOR USE WITH RG-188/U FLEX CABLE	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.125
CONTACT	.025
HOUSING	.066

LOC	DIST	REVISIONS					
AJ	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			B	REV PER ECO 07-004710	3/9/2007	DW	KW



1052067-1

PART
NUMBER

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
COMPONENT	MATERIAL	FINISH

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		Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level	250	Recommended Mating Torque 7-10 In-Lbs	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.15+.02f(GHz)		Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +85°C
Insertion Loss (dB MAX) .07√f(GHz)			Moisture Resistance MIL-STD-202, Method 106, No Measurements at High Humidity
RF Leakage (dB MIN) -(60-fGHz)		Insertion (MAX Lbs)	N/A
Corona, 70,000 Ft (VRMS MIN)	190	Withdrawal (MIN Oz)	N/A
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	750	Force to Engage and Disengage (In-Lbs MAX)	2.0
Contact Resistance (Milliohms MAX)		Center Contact Captivation	
Center Contact	3.0	Axial (Lbs)	6.0
Outer Contact	2.0	Radial (In-Oz)	4.0
Cable to Housing	0.5	Axial Force (Lbs)	20 Min
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	500	Torque (In-Oz)	N/A
I.R.(Megohms MIN)	10000	Weight (Grams)	TBD

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JOEL 7/28/77		tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608			
DIMENSIONS: INCHES		CHK —					
		APVD RMF 7/28/77		NAME OSM RIGHT ANGLE CABLE PLUG-SOLDER ATTACMENT —			
		PRODUCT SPEC —					
MATERIAL —		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .005 4 PLC ± — ANGLES ± 1°		APPLICATION SPEC —			
		FINISH —		WEIGHT —			
		CUSTOMER DRAWING		SIZE A2	CAGE CODE 00779	DRAWING NO C=1052067	RESTRICTED TO —
				SCALE 3:1	SHEET 1 of 1	REV B	