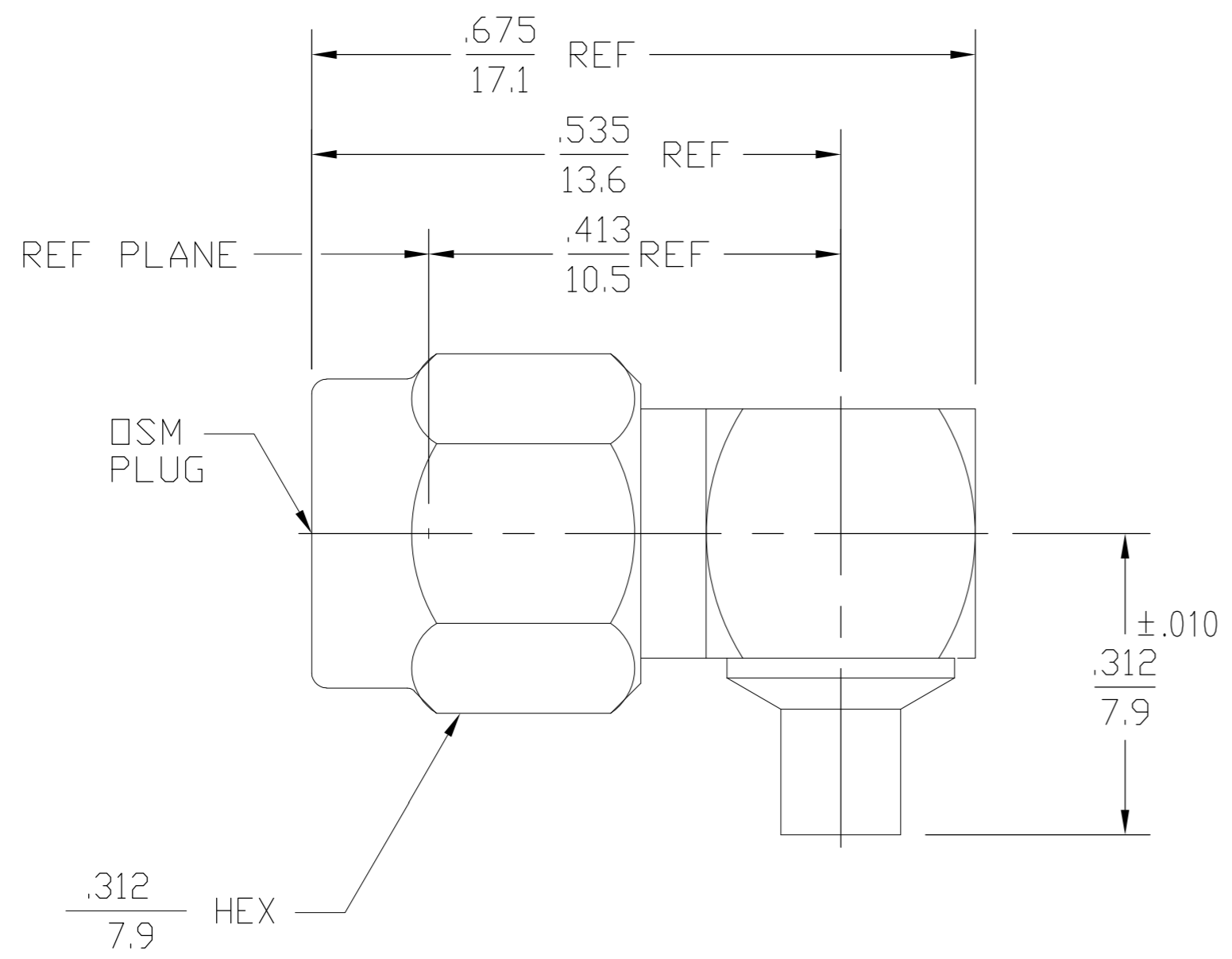


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DESIGNED FOR USE WITH
 .085 S/R CABLE
 CABLE ENTRY DIAMETER
 MINIMUM
 HOUSING .089
 CONTACT .037

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AJ	00	B	REV PER ECO 07-004710	2/27/2007	DW KW



1051157-1
 PART
 NUMBER

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348, Fig. 310-1	TEMPERATURE RATING -65 TO 125°C
Frequency Range (GHz) DC to 12	Recommended Mating Torque 7-10 IN-LBS	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics: Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.10 + .01(f)	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +115°C
Insertion Loss (dB MAX) .05 √f(GHz)	Force to Engage and Disengage (In/Lbs MAX) 2	Moisture Resistance MIL-STD-202, Method 106,
RF Leakage (dB MIN) -60	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Cable Retention Axial Force (Lbs) 30	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Torque (In/Oz) 16	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Weight (Grams) 3.9	
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 5000		

.XXX = in
 XX.X = mm

COMPONENT	MATERIAL	FINISH
HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H, OR BRASS PER ASTM-B-16	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RPM 4/14/72	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK BWC 4/17/72		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD PRB 4/17/72	NAME OSM RIGHT ANGLE CABLE PLUG-DIRECT SOLDER ATTACHMENT	
0 PLC ± -	1 PLC ± -	PRODUCT SPEC -	SIZE A2	CAGE CODE 00779
2 PLC ± -	3 PLC ± .005	APPLICATION SPEC -	DRAWING NO C=1051157	RESTRICTED TO -
4 PLC ± -	ANGLES ± 1°	WEIGHT -	SCALE 5:1	SHEET 1 of 1
MATERIAL -	FINISH -	CUSTOMER DRAWING	REV B	