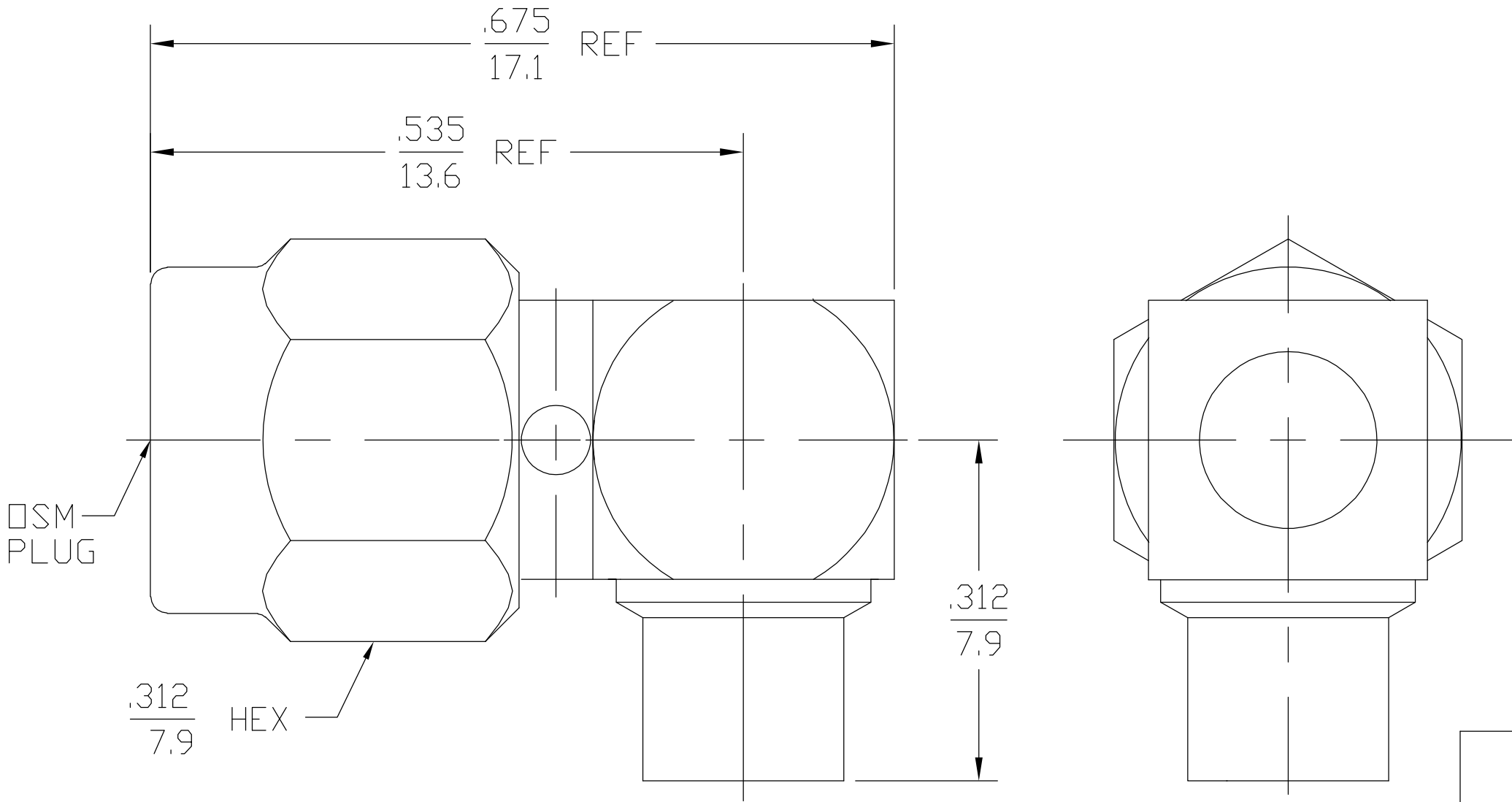


DESIGNED FOR USE WITH .141 SEMI-RIGID CABLE CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144
CONTACT	.037

LOC	DIST	REVISIONS					
AJ	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A1	REV PER ECO 06-026646	1/26/2007	DW	JH



1 SPECIAL TESTING.

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	TEMPERATURE RATING -65°C TO +165°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10 in-lbs	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I.
VSWR 1.10 +.01 f (GHz)	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .05 √F (GHz)	Withdrawal (MIN Oz) 1.0	EXCEPT HIGH TEMP +115°C
RF Leakage (dB MIN) [-90-f (GHz)]	Force to Engage and Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000	Radial (In-Oz) N/A	
Contact Resistance (Milliohms MAX) Center Contact 2.0	Cable Retention Axial Force (Lbs MIN) 60	
Outer Contact 2.0	Torque (In-Oz) 55	
Cable to Housing 0.5	Weight (Grams) TBD	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 10,000		

.XXX = in
XX.X = mm

HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A-484 AND ASTM-A-582, TYPE 303	GOLD PLATE PER MIL-G-45204
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	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
COMPONENT	MATERIAL	FINISH

1	1051109-2
	1051109-1
	PART NUMBERS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.B.G 11-20-76	tyco Tyco Electronics Corporation Electronics Harrisburg, PA 17105-3608			
DIMENSIONS: INCHES		CHK E.C.A 11-22-76				
		APVD R.M.F 12-1-76	NAME SMA HIGH FREQUENCY RIGHT ANGLE CABLE PLUG DIRECT SOLDER (2007-5054-00)			
		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO			
MATERIAL -		APPLICATION SPEC	A2 00779 C=1051109 -			
FINISH -		WEIGHT -	CUSTOMER DRAWING SCALE 5:1 SHEET 1 of 1 REV A1			

Mouser Electronics

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