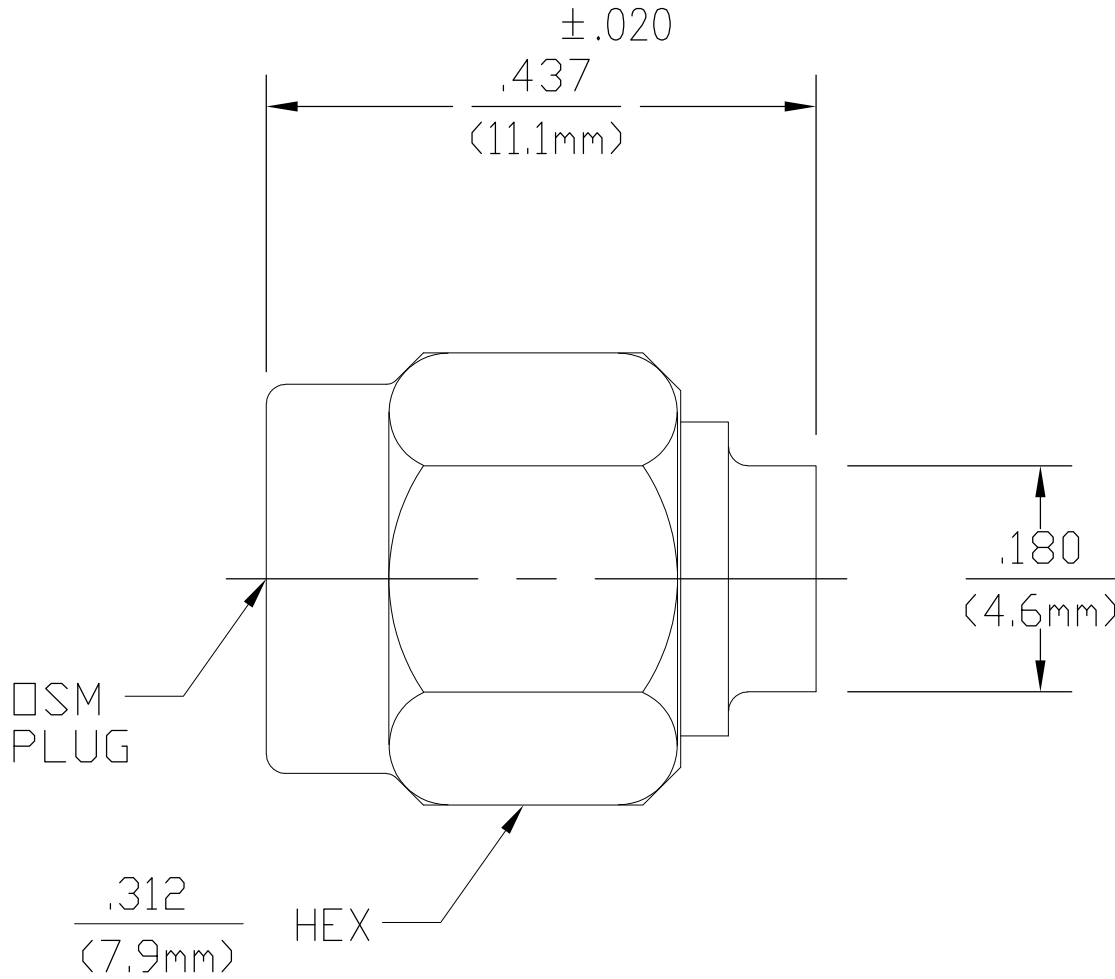


DESIGNED FOR USE WITH .141 DIA SEMI-RIGID MICROPOROUS CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144
CONTACT	.046

LOC	DIST	REVISIONS					
AJ	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			B	REV PER ECO 07-004710	3/14/2007	DW	KW



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	TEMPERATURE RATING -65°C TO +105°C
Frequency Range (GHz) DC to 26.5	Recommended Mating Torque 7-10 lbs	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level 500	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I.
VSWR 1.05 +.005F	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .03√fGHz	Withdrawal (MIN Oz) 1.0	EXCEPT HIGH TEMP SHALL BE +200°C
RF Leakage (dB MIN) -(100-f)	Force to Engage and Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106, Except Step 7 Shall Be Omitted.
Corona, 70,000 Ft (VRMS MIN) 125	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ 60 Hz 1,500	Axial (Lbs) N/A	
Contact Resistance (Milliohms MAX) Center Contact 2.0	Radial (In-Oz) N/A	
Outer Contact 2.0	Cable Retention	
Cable to Housing 0.5	Axial Force (Lbs) 60	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1,000	Torque (In-Oz) N/A	
I.R.(Megohms MIN) 10,000	Weight (Grams) TBD	

HOUSING COUPLING NUT	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 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
COMPONENT	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DRF 11/8/77	tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608			
DIMENSIONS: INCHES		CHK KWW 11/9/77				
		APVD RME 11/9/77	NAME OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT			
		PRODUCT SPEC				
MATERIAL -		APPLICATION SPEC				
		FINISH -				
		WEIGHT -	SIZE A2	CAGE CODE 00779	DRAWING NO C=1050762	RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 5:1	SHEET 1 of 1	REV B	