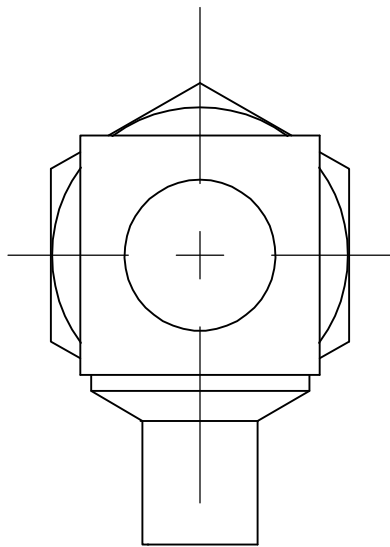
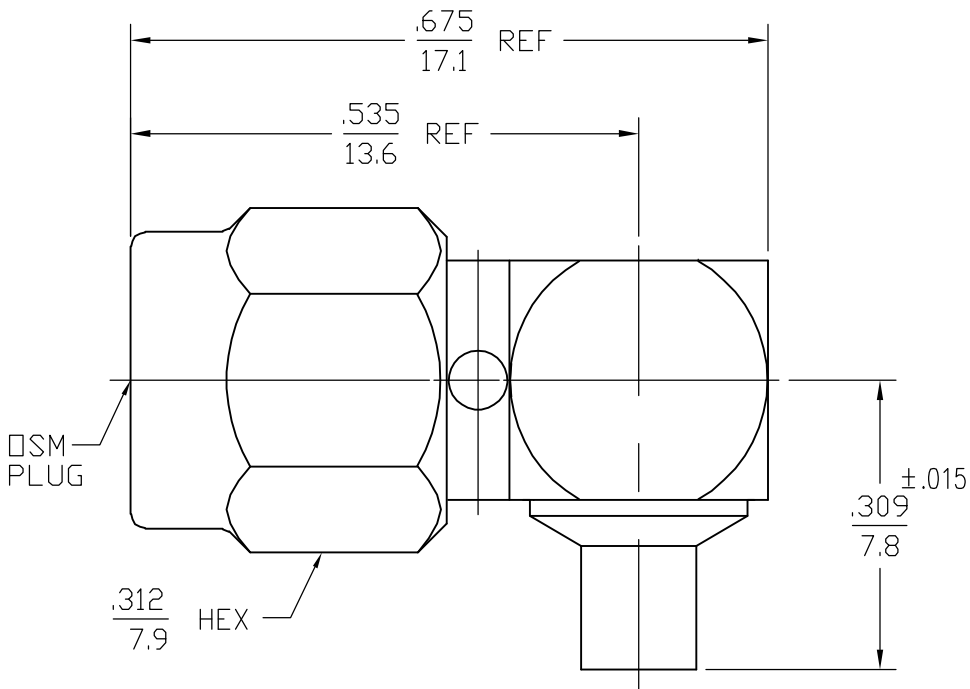




1. DESIGNED FOR USE WITH .085 SEMI-RIGID CABLE.
CABLE ENTRY DIAMETER: HOUSING .088 MIN
CONTACT .037 MIN
2. USE INSTRUCTION SHEET 408-4944.

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 1.18 +.015F (GHz)	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .05 √F(GHz)	Withdrawal (MIN Oz) N/A	EXCEPT HIGH TEMP +115°C
RF Leakage (dB MIN) -90 @ 2-3 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 4.0	Cable Retention Axial Force (Lbs MIN) 30	
Outer Contact 2.0	Torque (In-Oz) 16	
Cable to Housing 0.5	Weight (Grams) TBD	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 5,000		

COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, 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, 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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.B.G. 11-19-76	tyco Tyco Electronics Corporation Harrisburg, PA 17105-3608	
		CHK E.C.A. 11-23-76		
DIMENSIONS: INCHES[mm]		APVD R.M.F. 12-2-76	NAME OSM HIGH FREQUENCY, RIGHT ANGLE CABLE PLUG DIRECT SOLDER	
		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
		APPLICATION SPEC	A300779C-1051114-1	
MATERIAL		WEIGHT	CUSTOMER DRAWING SCALE 5:1 SHEET 1 of 1 REV B	