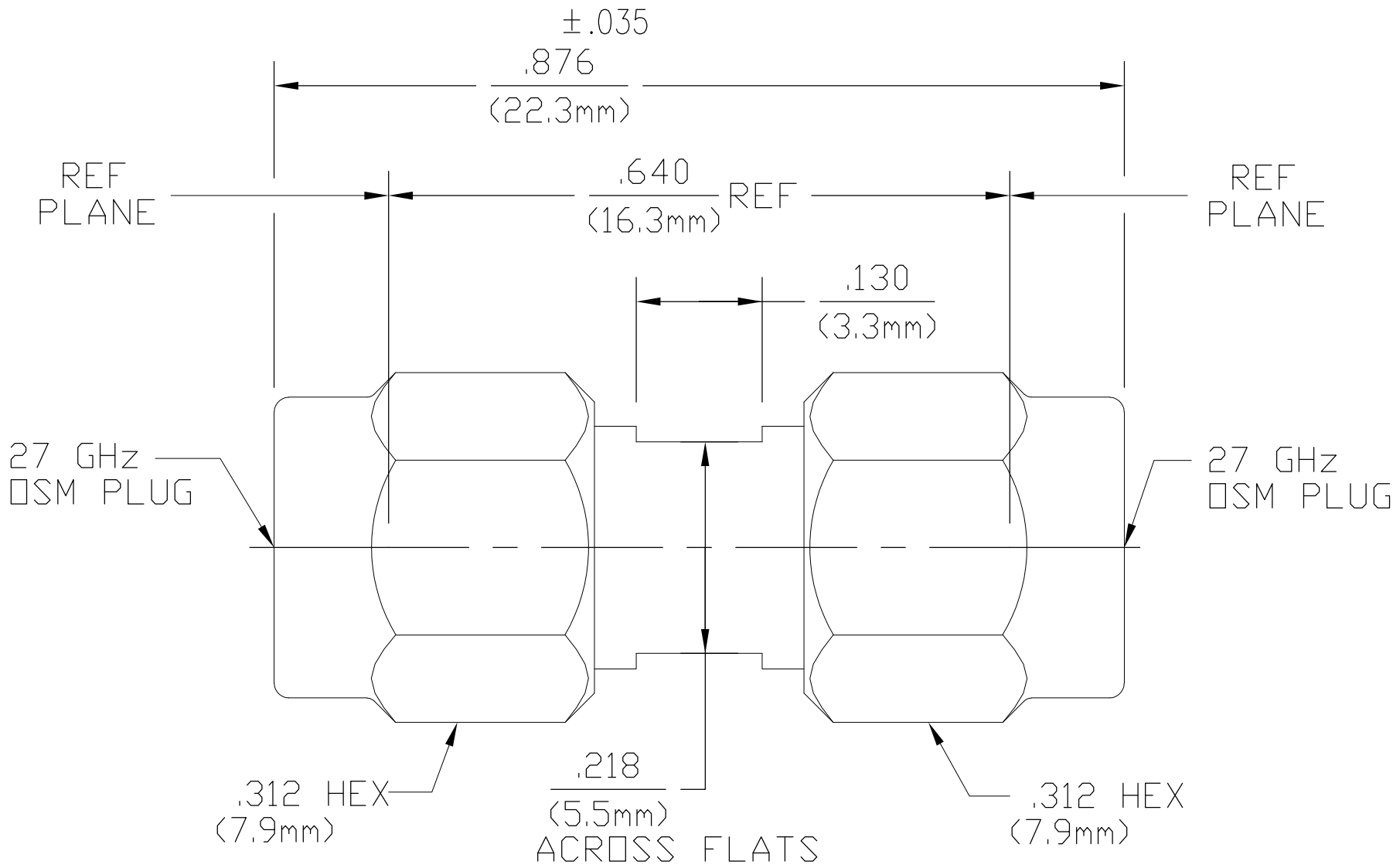


LOC	DIST	REVISIONS				
AJ	00	P	LTR	DESCRIPTION	DATE	DWN
			B	REV PER ECO 07-004710	3/2/2007	DW
						APVD
						KW



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. N/A	TEMPERATURE RATING <u>-65°C TO +165°C</u>
Frequency Range (GHz) DC to <u>27.0</u>	Recommended Mating Torque <u>7 to 10 in-lbs</u>	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05 ± .005 F(GHz)</u>	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition C, Except High Temp
Insertion Loss (dB MAX) <u>.06 √F(GHz)</u>	Withdrawal (MIN Oz) N/A	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>60</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>	Axial (Lbs) <u>10.0</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>4.0</u>	Radial (In-Oz) <u>4.0</u>	
Outer Contact <u>2.0</u>	Cable Retention	
Cable to Housing N/A	Axial Force (Lbs) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>	Torque (In-Oz) N/A	
I.R.(Megohms MIN) <u>5,000</u>	Weight (Grams) N/A	

HOUSING 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
COMPONENT	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.R. 9-7-79	tyco Tyco Electronics Corporation Harrisburg, PA 17105-3608		
CHK RD SMITH 7-10-79		APVD RME 7-11-79			
DIMENSIONS: INCHES		PRODUCT SPEC	NAME OSM HIGH FREQUENCY (27GHz) PLUG TO PLUG ADAPTER		
		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO		
		WEIGHT	A2 00779 C=1056336		
MATERIAL -		FINISH -	SCALE 10:1 SHEET 1 of 1 REV B		
		CUSTOMER DRAWING			

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