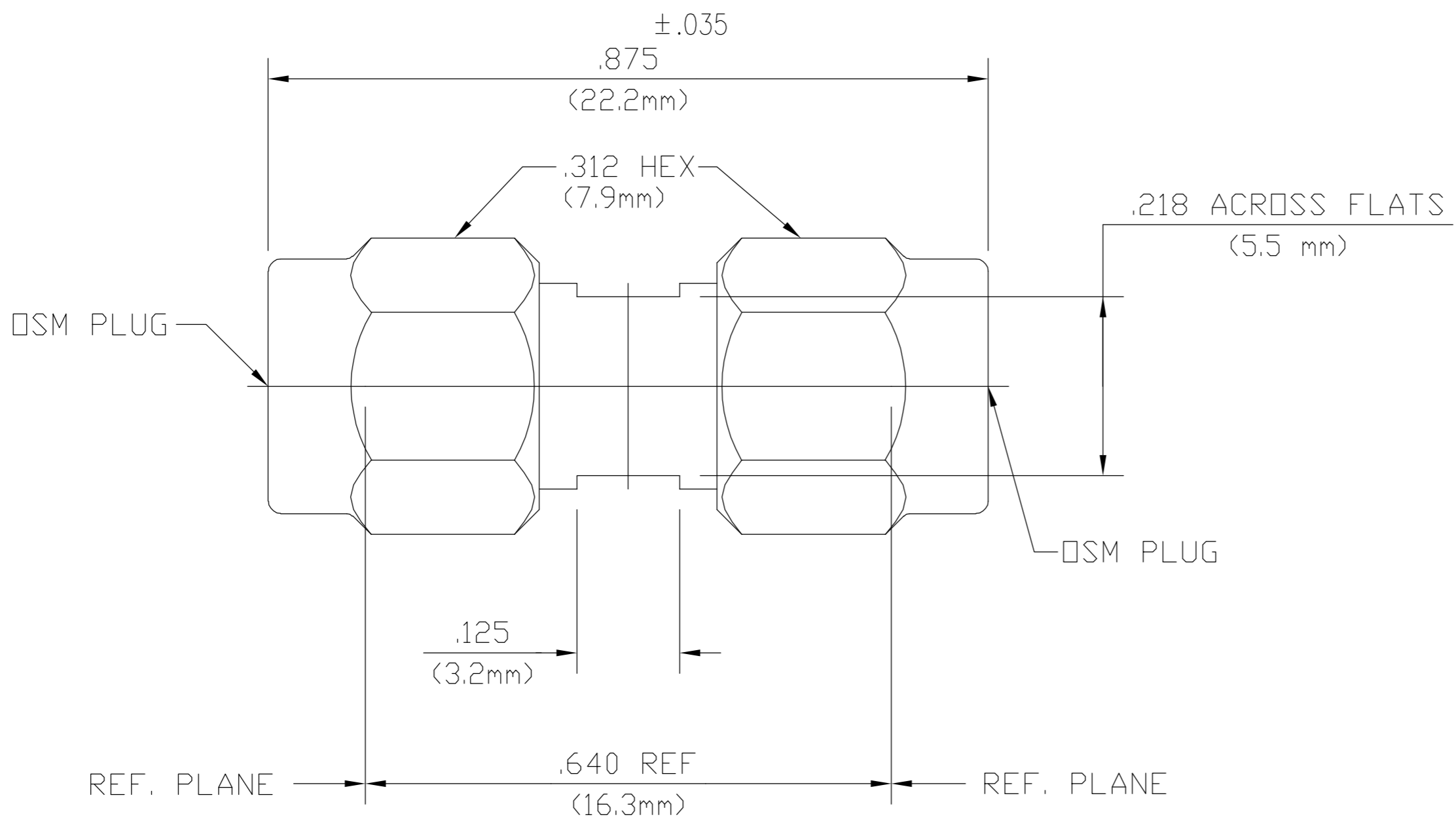


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

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



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348 FIG 310.1	TEMPERATURE RATING -65°C TO 105°C
Frequency Range (GHz) DC to 18.0	Recommended Mating	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) 335	Torque 7.0 to 10.0 In/Lbs	Shock - MIL-STD-202, Method 213, Condition I
VSWR 1.05+006f(GHz) MAX	Connector Engagement	Thermal shock MIL-STD-202, Method 107 Test Condition B
Insertion Loss (dB MAX) .06 √f(GHz)	Center Contact Captivation	EXCEPT HIGH TEMP 115°C
RF Leakage -[60-f(GHz)]	Axial 6.0 Lbs MIN	Moisture Resistance - MIL-STD-202, Method 106, except Step 7b
Corona, 70,000 Ft (VRMS MIN) 250	Radial 4.0 In/Dz MIN	(Vibration) shall be omitted
Dielectric Withstanding Voltage (VRMS MIN) 1000	Weight (Grams) 4.7	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX)		
Center Contact 4.0		
Outer Contact 2.0		
RF High Potential (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms) 5000		

HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A-380
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 NICKEL PLATE PER QQ-N-290
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 EJC	9/17/71	 Tyco Electronics Corporation Harrisburg, PA 17105-3608
CHK PRB	9/17/71	
APVD PB	9/17/71	
PRODUCT SPEC		
APPLICATION SPEC		NAME OSM PLUG TO PLUG ADAPTER
WEIGHT -		SIZE A2 CAGE CODE 00779 DRAWING NO C=1053635 RESTRICTED TO -
CUSTOMER DRAWING		SCALE 5:1 SHEET 1 of 1 REV B

1053635