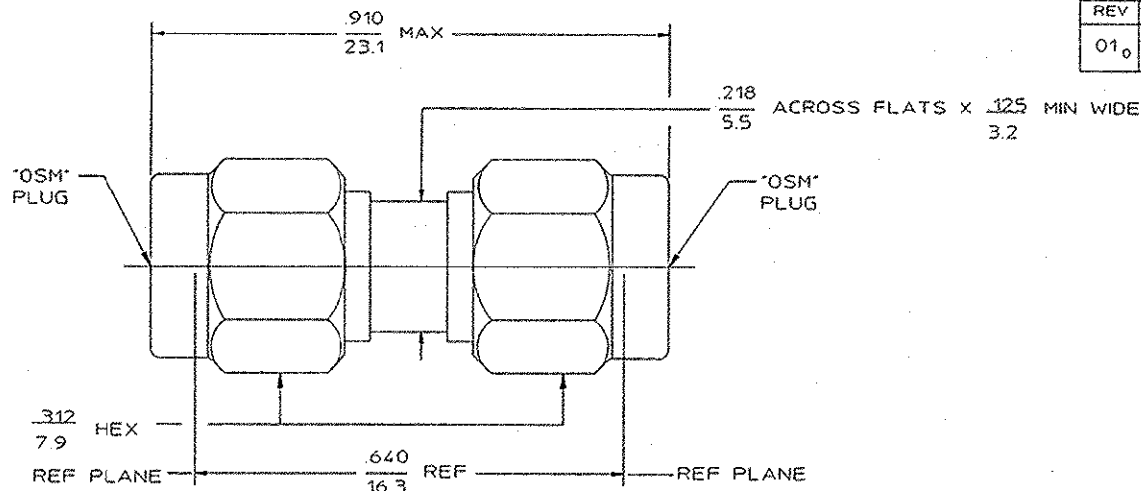




REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	4/26/97	RHC

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-326A, Fig. 310-1	Temperature Rating -65 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) 0 Sea Level 335	Mating Characteristics	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.10 + .008(GHz) 0.5 TO 18 GHz	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition C
Insertion Loss (dB MAX) .06 (GHz) 0.5 GHz	Withdrawal (MIN OZ) 1.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -60, MIN 0.2-3 GHz	Force to Engage and Disengage (in-Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corena, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) 0 Sea Level 1,500	Axial (Lbs) 6.0	
Contact Resistance (Milliohms MAX)	Radial (in-OZ) N/A	
Center Contact 4.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs) N/A	
Cable to Housing N/A	Torque (in-OZ) N/A	
RF High Potential 0 Sea Level (VRMS MIN 0.5 MHz) 670	Weight (Grams) TBD	
IR (Megohms MIN) 5,000		

HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER OO-P-35
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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY K. LE 1-8-97 DATE	 an AMP company	M/A-COM, Inc. Waltham, MA 02254
FRAC DEC ANGLES 1/64 .005 °	CHECKED BY		
	APPROD BY  4/28/97		

These drawings and specifications are the property of M/A-COM Interconnect Div. and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of a item(s) without written permission.				USE ASS'Y PROCEDURE NO. AP. N/A		TITLE "OSM" PLUG TO "OSM" PLUG ADAPTER M55339/29-30101	
SIZE B	CODE IDENT NO. 26805	2081-8101-92		REV 01			
SCALE 5:1			SHEET 1 OF 1				

CUSTOMER

TYCO PART # 1053767
SHEET 1 of 1 REV 0