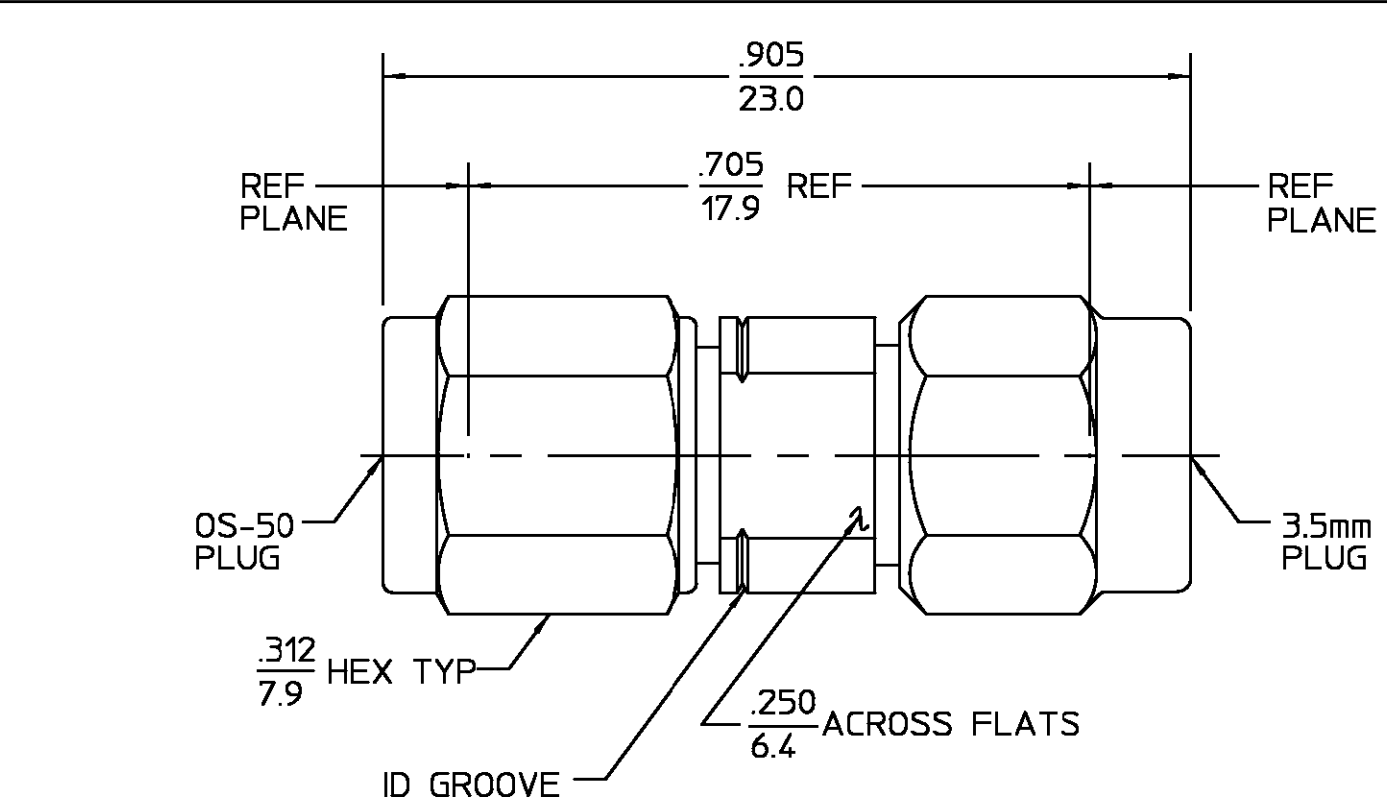




REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
021	REVISED	7/31/97	PJH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. N/A	Temperature Rating -55°C to +125°C
Frequency Range (GHz) DC to 26.5 GHz	Recommended Mating Torque 7 to 10 in-lbs	Vibration MIL-STD-202, Method 204, Condition D, 20G's
Volt Rating (VRMS MAX) @ Sea Level N/A	Mating Characteristics: Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Condition I, 100G's
VSWR 1.11 MAX DC-18; 1.13 MAX 18-26.5	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .07 √f(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -(90f)	Center Contact Captivation Axial (Lbs) 4.0	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 150	Radial (In-Oz) 4.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 500	Cable Retention Axial Force (Lbs) N/A	
Contact Resistance (Milliohms MAX) Center Contact 4.0	Torque (In-Oz) N/A	
Outer Contact 4.0	Weight (Grams) N/A	
Cable to Housing N/A		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 600		
IR.(Megohms MIN) 5,000		

HOUSING COUPLING NUT BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE 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 TOLERANCE ON		
FRAC. DEC. ANGLES	DRAWN BY DATE	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
* 1/64 ±.005 * 1°	CHECKED BY	
	APPD BY	
These drawings and specifications are the property of M/A-COM Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.	USE ASS'Y PROCEDURE	TITLE OS-50 PLUG TO 3.5mm BSA PLUG
	NO. AP. N/A	
	SIZE B	CODE IDENT NO. 26805
	SCALE 5 : 1	8581-2351-02
		REV 021
		SHEET 1 OF 1