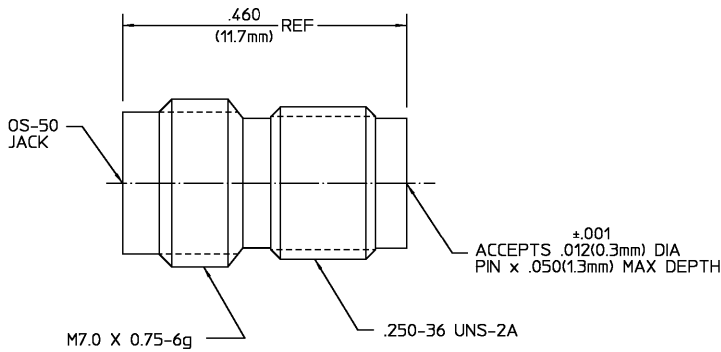


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>1</sub>	REVISED	10/19/95	JC



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50 ±1</u>	Interface Dimensions See Catalogue	Temperature Rating <u>-55° to +125°C</u>
Frequency Range (GHz) DC to <u>50</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D, 20Gs
Volt Rating (VRMS MAX)	Insertion (MAX Lbs) <u>2</u>	Shock MIL-STD-202, Method 213, Condition I, 100Gs
Sea Level <u>N/A</u>	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
VSWR DC to 18 GHz : <u>1.11MAX</u>	Force to Engage (In/Lbs MAX) <u>2</u>	Moisture Resistance MIL-STD-202, Method 106
18 to 26.5 GHz : <u>1.19MAX</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B
26.5 to 50 GHz : <u>1.29MAX</u>	Axial (Lbs) <u>4</u>	
Insertion Loss (dB MAX) <u>.07x√f(GHz)</u>		
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-90-f(GHz)</u>		
Carana, 70,000 Ft (VRMS MIN) <u>150</u>		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u>		
Contact Resistance (Milliohms MAX)		
Center Contact <u>4.0</u>		
Outer Contact <u>4.0</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>600</u>		
IR (Megohms MIN) <u>5000</u>		

### DESIGN CONTROL REQUIRED

COMPONENT	MATERIAL	FINISH
HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRWN BY RME	DATE 2/9/95	AMP Incorporated
TOLERANCE ON	CHKD BY		140 Fourth Avenue
FRAC. DEC. ANGLES	APPD BY RME	2/9/95	Waltham, MA 02451-7599
± 1/64 ±.005 ± °			
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 items without written permission.	USE ASSY PROCEDURE	408-04617 (85-003)	TITLE OS-50 PANEL FEEDTHRU JACK RECEPTACLE ACCEPTS .012 DIA PIN
	NO. AP.	SIZE B	CODE IDENT NO. 26805
		SCALE 5:1	1250-2179-02
			REV 01 <sub>1</sub>
			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1046294-1  
SHEET 1 OF 1 REV A