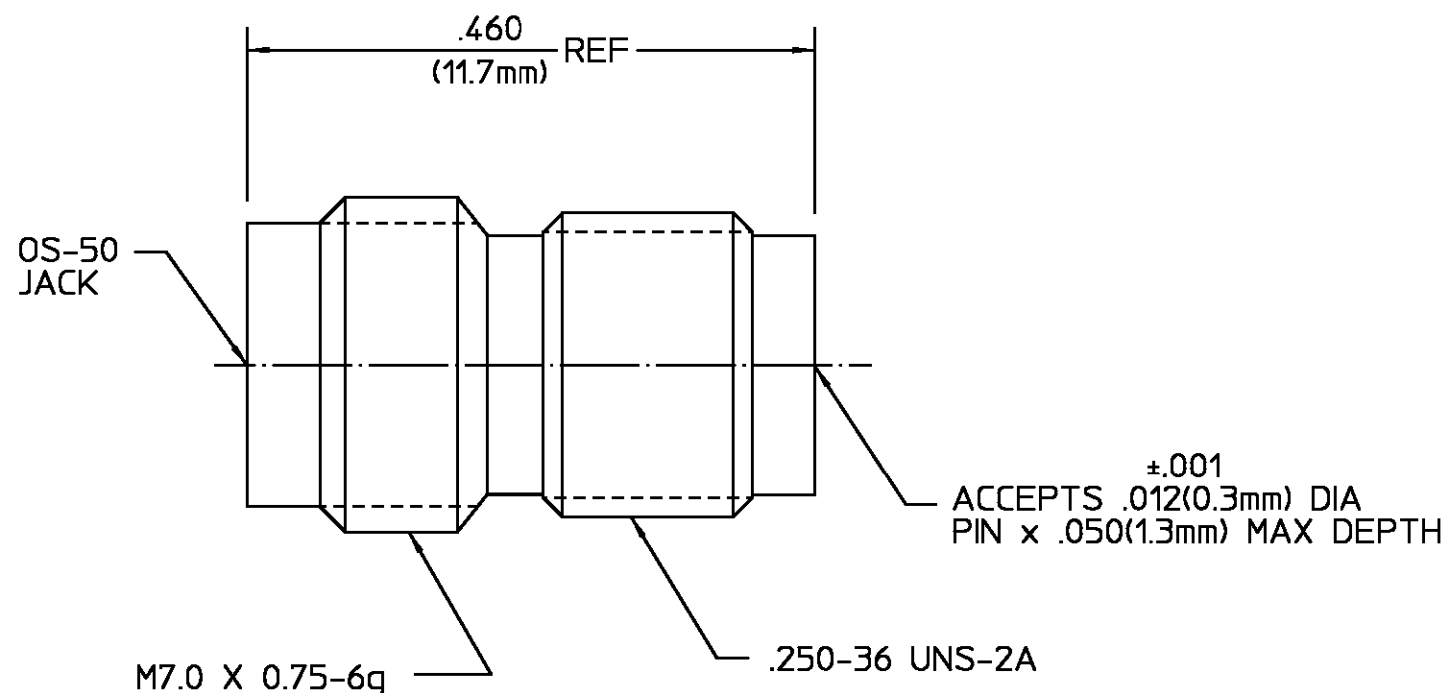


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	REVISED	10/19/95	<i>[Signature]</i> 10/24/95



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50 ±1</u>	Interface Dimensions <u>See Catalogue</u>	Temperature Rating <u>-55° to +125°C</u>
Frequency Range (GHz) DC to <u>50</u>	Mating Characteristics:	Vibration MIL-STD-202, Method <u>204, Condition D, 20Gs</u>
Volt Rating (VRMS MAX)	Insertion (MAX Lbs) <u>2</u>	Shock MIL-STD-202, Method 213, <u>Condition I, 100Gs</u>
@ Sea Level <u>N/A</u>	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, <u>Method 107, Condition B</u>
VSWR DC to 18 GHz : <u>1.11MAX</u>	Force to Engage (In/Lbs MAX) <u>2</u>	Moisture Resistance MIL-STD-202, <u>Method 106</u>
<u>18 to 26.5 GHz : 1.13MAX</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method <u>101, Condition B</u>
<u>26.5 to 50 GHz : 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>		
Corona, 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 TOLERANCE ON	DATE <u>2/9/95</u>	AMP AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY <u>RMF</u>	
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.	APPD BY <u>RMF</u> DATE <u>2/9/95</u>	
USE ASS'Y PROCEDURE	NO. AP. <u>408-04617 (85-003)</u>	TITLE <u>OS-50 PANEL FEEDTHRU JACK RECEPTACLE ACCEPTS .012 DIA PIN</u>
	SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>
	SCALE <u>5:1</u>	<u>1250-2179-02</u>
		REV <u>01₁</u>
		SHEET 1 OF 1

CUSTOMER DRAWING

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