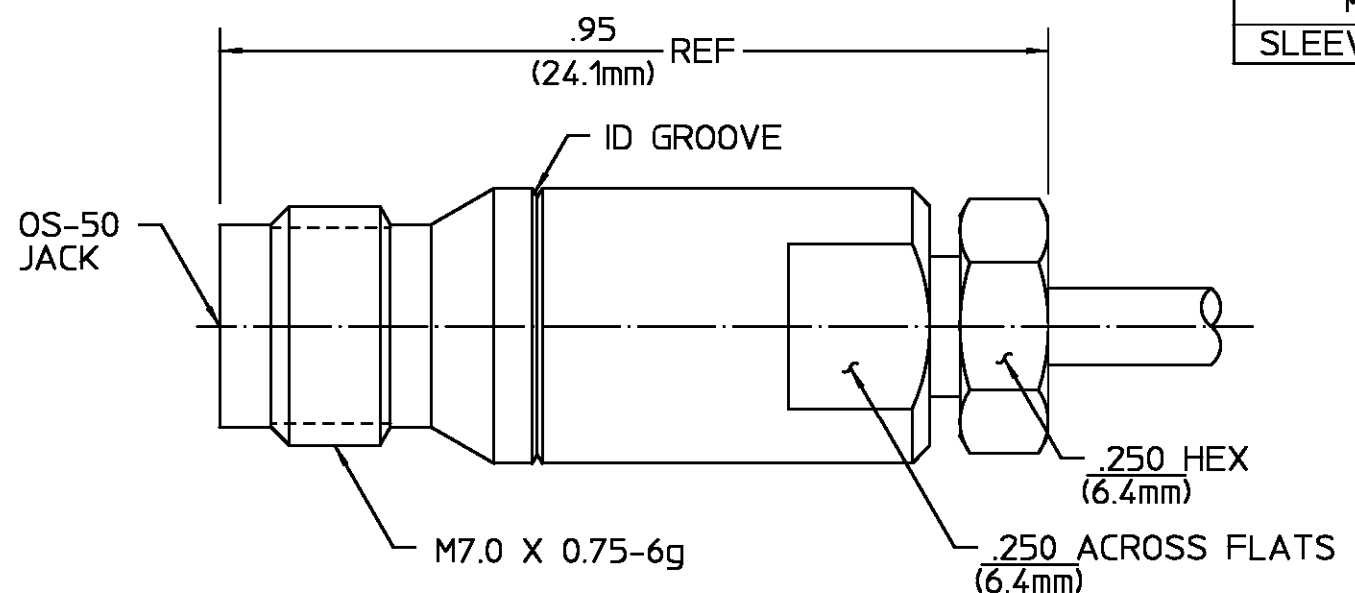



DESIGNED FOR USE WITH .085 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
SLEEVE	.0896

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02	REVISED	8/19/93	AD



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 204, Condition D, 20Gs
Volt Rating (VRMS MAX) @ Sea Level <u>N/A</u>	Insertion (MAX Lbs) <u>2</u>	Shock MIL-STD-202, Method 213, Condition I, 100Gs
VSWR DC to 18 GHz : <u>1.11MAX</u>	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
<u>18 to 26.5 GHz : 1.13MAX</u>	Force to Engage (In/Lbs MAX) <u>2</u>	Moisture Resistance MIL-STD-202, Method 106
<u>26.5 to 50 GHz : 1.29MAX</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B
Insertion Loss (dB MAX) <u>.07x√f(GHZ)</u>	Axial (Lbs) <u>4</u>	
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(90-f(GHZ))</u>	Cable Retention	
Corona, 70,000 Ft (VRMS MIN) <u>150</u>	Axial (Lbs MIN) <u>30</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u>	Torque (In-Oz) <u>16</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>		

COMPONENT	MATERIAL	FINISH
HOUSING CLAMP NUT BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
SLEEVE	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C 17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY DAC	DATE 12-05-88	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	CHECKED BY DAC	01-02-89		
These drawings and specifications are the property of Omni Spectra 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.	APPROD BY S.M.	01-03-89	TITLE OS-50 JACK SOLDER CLAMP	
	USE ASS'Y PROCEDURE	408-04616 (85-002)	NO. AP.	
	NO. AP.		SIZE B	CODE IDENT NO. 26805
			SCALE 5:1	REV 02
				SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1063296-1
SHEET 1 OF 1 REV A