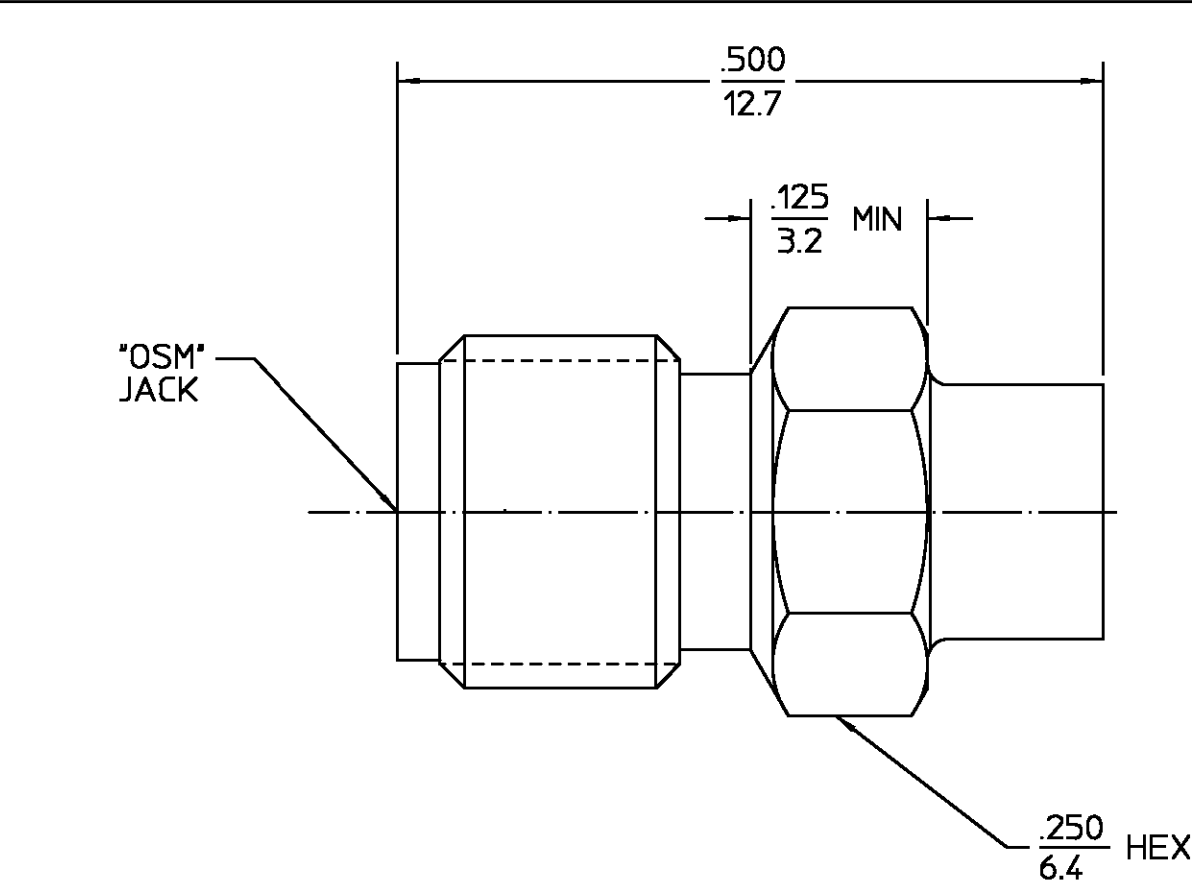




DESIGNED FOR USE WITH .141 SR	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.141
CONTACT	.038

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	9/20/96	<i>RAC</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310-2</u>	Temperature Rating <u>-65 TO +165°C</u>
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Torque <u>7-10 IN-LBS</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05 + .008 F(GHz)</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +115°C
Insertion Loss (dB MAX) <u>.03 √F(GHz)</u>	Insertion (MAX Lbs) <u>2</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-90</u>	Withdrawal (MIN Oz) <u>1</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>N/A</u>	
Center Contact <u>3.0</u>	Radial (In-Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Cable Retention	
Cable to Housing <u>0.5</u>	Axial Force (Lbs) <u>60</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>	Torque (In-Oz) <u>55</u>	
IR.(Megohms MIN) <u>5,000</u>	Weight (Grams) <u>TBD</u>	

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
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
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
FRAC. ± 1/64	DEC. ±.005	ANGLES ± 1°
DRAWN BY K. LE CHECKED BY APP'D BY <i>RAC</i> 9/20/96		
DATE 8-21-96		
AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
USE ASSY PROCEDURE		
408-04836 (20-550)		
NO. A.P.		
TITLE "OSM" STRAIGHT CABLE JACK DIRECT-SOLDER ATTACHMENT M39012/81-3006 CAT E		
SIZE B	CODE IDENT NO. 26805	2002-8006-90
SCALE 8:1	REV 01 ₀	
SHEET 1 OF 1		