



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

COMPONENT	MATERIAL	FINISH
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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. ± 1/64	DEC. ± .005	ANGLES ± 1°
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DRAWN BY K.LE DATE 8-21-96

CHECKED BY _____

APPD BY *RAC* DATE 9/20/96

USE ASSY PROCEDURE

NO. AP. 408-04836 (20-550)

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE **"OSM" STRAIGHT CABLE JACK DIRECT-SOLDER ATTACHMENT M39012/81-3006 CAT E**

SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	TITLE NO. <u>2002-8006-90</u>	REV <u>01₀</u>
SCALE <u>8:1</u>	SHEET <u>1</u> OF <u>1</u>		

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