



DESIGNED FOR USE WITH	.085 SR
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.087
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>0</sub>	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>335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>2</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.07 + .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>250</u>	Radial (In-Oz) <u>N/A</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Cable Retention: Axial Force (Lbs) <u>30</u>	
Contact Resistance (Milliohms MAX): Center Contact <u>3.0</u>	Torque (In-Oz) <u>16</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>370</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. 408-04835 (20-549)

AMP Incorporated  
140 Fourth Avenue  
Waltham, MA 02451-7599

TITLE "OSM" STRAIGHT CABLE JACK DIRECT-SOLDER ATTACHMENT M39012/81-3005 CAT E

SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	2002-8005-90	REV <u>01<sub>0</sub></u>
SCALE <u>8:1</u>			SHEET 1 OF 1