



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	REVISED	K.L. 8-15-96 8/20/96	<i>[Signature]</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310-2	Temperature Rating <u>-65 TO +125°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 E
Volt Rating (VRMS MAX) @ Sea Level <u>1:1</u>	Mating Characteristics: Insertion (MAX Lbs) <u>12.0</u>	Shock MIL-STD-202, Method 213, Condition A
VSWR <u>1.10 MAX</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition C.
Insertion Loss (dB MAX) <u>.01 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>10</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-70</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>1,000</u>	Cable Retention: Axial Force (Lbs) <u>60</u>	
Contact Resistance (Milliohms MAX): Center Contact <u>2.0</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>500</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	DRAWN BY	TEM	DATE	1-13-77
	CHECKED BY	RMF	DATE	1-17-77
	APPD BY	RMF	DATE	1-17-77

USE ASSY PROCEDURE		TITLE 'OSM' STRAIGHT CABLE JACK-DIRECT SOLDER ATTACHMENT			
NO. A.P. <u>N/A</u>		SIZE B	CODE IDENT NO. 26805	2002-5054-31	REV 01 ₁
		SCALE 6:1	SHEET 1 OF 1		

CUSTOMER DRAWING

AMP PART # 1060919-1
SHEET 1 OF 1 REV A