



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	REVISED	8-15-98 8-12-98	K.L. [Signature]

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig 310-2	Temperature Rating -65 TO +125°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10 IN-LBS	Vibration MIL-STD-202, Method 204, Condition E
Volt Rating (VRMS MAX) Sea Level 1:1:1	Mating Characteristics: Insertion (MAX Lbs) 12.0	Shock MIL-STD-202, Method 213, Condition A
VSWR 1:10 MAX	Withdrawal (MIN Oz) 1.0	Thermal Shock MIL-STD-202, Method 107, Condition C
Insertion Loss (dB MAX) .01 V(GHz)	Force to Engage and Disengage (In-Lbs MAX) 10	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -70	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 375	Axial (Lbs) N/A	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1,000	Radial (In-Oz) N/A	
Contact Resistance (Milliohms MAX)	Cable Retention	
Center Contact 2.0	Axial Force (Lbs) 60	
Outer Contact 2.0	Torque (In-Oz) 55	
Cable to Housing 0.5	Weight (Grams) TBD	
RF High Potential Sea Level (VRMS MIN) 5 MHz 500		
IR (Megohms MIN) 5,000		

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 1-13-77	DATE	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES	CHECKED BY RHF 1-17-77		
+ 1/64 ±.005 * °	APPD BY RHF 1-17-77		
USE ASSY PROCEDURE	TITLE 'OSM' STRAIGHT CABLE JACK-DIRECT SOLDER ATTACHMENT		
NO. AP. N/A	SIZE B	CODE IDENT NO. 26805	REV 01 ₁
	SCALE 6:1	2002-5054-31	SHEET 1 OF 1

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