



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>1</sub>	REVISED	KLE 10-17-80 10-18-80	<i>[Signature]</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig 310-2	Temperature Rating -65 TO +165°C
Frequency Range (GHz) DC to 18.0	Recommended Mating Torque 7-10 IN-LBS	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) Sea Level 335	Mating Characteristics: Insertion (MAX Lbs) 2.0	Shock MIL-STD-202, Method 213, Condition I
VSWR 105 + .005	Withdrawal (MIN Oz) 1.0	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
Insertion Loss (dB MAX) .03 √(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -(60-1GHz)	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Radial (In-Oz) 4.0	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1,000	Cable Retention Axial Force (Lbs) N/A	
Contact Resistance (Milliohms MAX) Center Contact 2.0	Torque (In-Oz) N/A	
Outer Contact 2.0	Weight (Grams) TBD	
Cable to Housing N/A		
RF High Potential Sea Level (VRMS MIN) 5 MHz) 670		
IR (Megohms MIN) 10,000		

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 S. BENTALL 10-27-80	DATE 10-27-80
FRAC. ± 1/64	CHECKED BY K. DALY 10-29-80	
DEC. ± .005	APPD BY J. B. 10-30-80	
ANGLES ± °		

USE ASSY PROCEDURE

NO. AP. N/A

AMP Incorporated  
140 Fourth Avenue  
Waltham, MA 02451-7599

TITLE OSM STRAIGHT PANEL JACK RECEPTACLE WITH ACCEPTS .020 DIA PIN

SIZE B	CODE IDENT NO. 26805	2052-0434-00	REV 01 <sub>1</sub>
SCALE 6:1			SHEET 1 OF 1

CUSTOMER DRAWING AMP PART # 1052451-1 SHEET 1 OF 1 REV A