



ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>18.0</u>
Volt Rating (VRMS MAX)
@ Sea Level <u>335</u>
VSWR <u>1.05 + .005 f(GHz)</u>
Insertion Loss (dB MAX) <u>.07 √f(GHz)</u>
RF Leakage (dB MIN) <u>-(60-f(GHz))</u>
Corona, 70,000 Ft (VRMS MIN) <u>250</u>
Dielectric Withstanding Voltage
(VRMS MIN) @ Sea Level <u>1000</u>
Contact Resistance (Milliohms MAX)
Center Contact <u>3.0</u>
Outer Contact <u>2.0</u>
Cable to Housing <u>N/A</u>
RF High Potential @ Sea Level
(VRMS MIN @ 5 MHz) <u>670</u>
LR.(Megohms MIN) <u>5,000</u>

MECHANICAL
Interface Dimensions MIL-STD-348, Fig. <u>310.2</u>
Recommended Mating
Torque <u>7-10 IN LBS</u>
Mating Characteristics:
Insertion (MAX Lbs) <u>3.0</u>
Withdrawal (MIN Oz) <u>1.0</u>
Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>
Center Contact Captivation
Axial (Lbs) <u>6.0</u>
Radial (In/Oz) <u>4.0</u>
Cable Retention
Axial Force (Lbs) <u>N/A</u>
Torque (In/Oz) <u>N/A</u>
Weight (Grams) <u>2.2</u>

ENVIRONMENTAL
Temperature Rating <u>-65°C TO 105°C</u>
Vibration MIL-STD-202, Method 204, Condition D
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition A
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457 AND MIL-P-19468	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
TOLERANCE ON		
FRAC.	DEC.	ANGLES
± 1/64	±.005	± °

DRAWN BY	DATE
P.F.	7/10/79
CHECKED BY	
R.D.S.	7/11/79
APPD BY	
R.M.F.	7/12/79

AMP			
AMP Incorporated			
140 Fourth Avenue			
Waltham, MA 02451-7599			
TITLE			
OSM 4 HOLE FLANGE MOUNT JACK RECEPTACLE TAB TERMINAL			
SIZE	CODE IDENT NO.		REV
B	26805	2052-5636-02	05 ₁
SCALE	5:1		SHEET 1 OF 1