



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	DRAWN BY P.F.	DATE 7/10/79
TOLERANCE ON	CHECKED BY R.D.S.	7/11/79
FRAC. DEC. ANGLES	APPD BY R.M.F.	7/12/79
± 1/64 ±.005 ± °		

USE ASS'Y PROCEDURE
NO. AP. <u>N/A</u>

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

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