



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	REDRAWN ON CAD ECN 92-0009	8/30/93	<i>[Signature]</i>
02	REVISED PER ECN 95-0247	6/06/95	<i>[Signature]</i>

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>1.07 + .01 f(GHz)</u>
Insertion Loss (dB MAX) <u>.03 √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>2.0</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>
I.R.(Megohms MIN) <u>10000</u>

MECHANICAL
Interface Dimensions MIL-STD-348A, 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>1.6</u>

ENVIRONMENTAL
Temperature Rating <u>-65°C to +125°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

HOUSING
DIELECTRIC
CENTER CONTACT
COMPONENT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °
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STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303
TFE FLUOROCARBON PER ASTM-D-1457
BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H
MATERIAL
DRAWN BY <u>JB</u> DATE <u>3/31/76</u>
CHECKED BY <u>RMF</u> <u>3/31/76</u>
APPD BY <u>BWC</u> <u>4/1/76</u>
USE ASS'Y PROCEDURE
NO. AP. <u>N/A</u>

PASSIVATE PER QQ-P-35
N/A
GOLD PLATE PER MIL-G-45204
FINISH
AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
AMP
TITLE <u>OSM 2 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL</u>
SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 2052-5674-02 REV <u>02</u>
SCALE <u>4 : 1</u> SHEET 1 OF 1