



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	2/8/93	<i>D. Comello</i>

ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>18</u>
Volt Rating (VRMS MAX)
@ Sea Level <u>335</u>
VSWR <u>N/A</u>
Insertion Loss (dB MAX) <u>N/A</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>1,000</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>10,000</u>

MECHANICAL
Interface Dimensions MIL-STD-348A, Fig. <u>310.2</u>
Recommended Mating
Torque <u>N/A</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>1.7</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.
Except High Temp shall be +115°C
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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MATERIAL
STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303
PTFE FLUOROCARBON PER ASTM-D-1457
BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H
MATERIAL
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON
FRAC. DEC. ANGLES
± 1/64 ±.005 ± °
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FINISH
PASSIVATE PER QQ-P-3580
N/A
GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
FINISH
AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599
TITLE OSM 2 HOLE FLANGE MOUNT JACK RECEPTACLE SOLDER POT TERMINAL
SIZE B
CODE IDENT NO. 26805
2052-1300-02
REV 010
SCALE 5 : 1
SHEET 1 OF 1