



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A1	REVISED PER ECO-11-005294	13APR11	HMR

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>1.05 + .005 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>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>
LR.(Megohms MIN) <u>10,000</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>N/A</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 +125°C</u>
Vibration MIL-STD-202, Method <u>204, Condition D.</u>
Shock MIL-STD-202, Method <u>213,</u> Condition I.
Thermal Shock MIL-STD-202, Method <u>107, Condition B.</u> Except High Temp
Moisture Resistance MIL-STD-202, Method <u>106</u>
Corrosion - MIL-STD-202, Method <u>101, Condition B, 5% salt spray</u>

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H
COMPONENT	MATERIAL
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	
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DRAWN BY <u>JR</u>	DATE <u>10-23-72</u>
CHECKED BY <u>RMF</u>	<u>10-27-72</u>
APPD BY	
USE ASS'Y PROCEDURE	
NO. AP. <u>N/A</u>	

PASSIVATE PER ASTM-A380	N/A	GOLD PLATE PER MIL-G-45204
FINISH		
TITLE <u>OSM 4 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL</u>		
SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	REV <u>A1</u>
SCALE <u>5 : 1</u>		SHEET <u>1</u> OF <u>1</u>