



ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>11</u>
Volt Rating (VRMS MAX)
@ Sea Level <u>600</u>
VSWR <u>1.07 + .007(f)GHz</u>
Insertion Loss (dB MAX) <u>.03 √(f)GHz</u>
RF Leakage (dB MIN) <u>-90dB</u>
Between <u>2 to 3 GHz</u>
Corona, 70,000 Ft (VRMS MIN) <u>375</u>
Dielectric Withstanding Voltage
(VRMS MIN) @ Sea Level <u>1500</u>
Contact Resistance (Milliohms MAX)
Center Contact <u>1.5</u>
Outer Contact <u>2.0</u>
RF High Potential @ Sea Level
(VRMS MIN @ 5 MHz) <u>1000</u>
IR.(Megohms MIN) <u>5000</u>

MECHANICAL
Interface Dimensions MIL-STD-348A, Fig. <u>304.1</u>
Recommended Mating
Torque <u>12-15 In Lbs</u>
Mating Characteristics:
Insertion (MAX Lbs) <u>2.0</u>
Withdrawal (MIN Oz) <u>2.0</u>
Force to Engage and
Disengage (In/Lbs MAX) <u>6.0</u>
Center Contact Captivation
Axial (Lbs) <u>6.0</u>
Radial (In/Oz) <u>N/A</u>
Cable Retention
Axial Force (Lbs) <u>60 Lbs Min</u>
Torque (In/Oz) <u>55 In Oz Min</u>
Weight (Grams) <u>TBD</u>

ENVIRONMENTAL
Temperature Rating <u>-65°C to +105°C</u>
Vibration MIL-STD-1344, Method <u>2005, Condition IV, 30g Peak</u>
Shock MIL-STD-1344, Method <u>2004, Condition G</u>
Thermal Shock MIL-STD-1344, Method <u>1003, Test Condition A, Except High Temp 115°C</u>
Corrosion - MIL-STD-1344, Method <u>1001, Condition B</u>

COMPONENT	MATERIAL	FINISH
HOUSING	BRASS PER QQ-B-626 COMP. 360	GOLD PLATE PER MIL-G-45204
HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
"O" - RING	SILICONE RUBBER PER ZZ-R-765, CLASS 2B	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <u>B.M.EDWARDS</u> DATE <u>2/5/91</u>			AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	FRAC. DEC. ANGLES ± 1/64 ±.005 ± °			
These drawings and specifications are the property of M/A-COM Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.	APPD BY <u>NGB</u> 2/7/91	TITLE <u>OSN BULKHEAD FEEDTHROUGH CABLE JACK-DIRECT SOLDER ATTACHMENT</u>		REV <u>020</u>
	USE ASS'Y PROCEDURE	NO. AP. <u>408-04911 (30-005)</u>	SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>
			SCALE <u>2:1</u>	<u>3004-7941-00</u>