



DESIGNED FOR USE WITH .141 DIA S/R CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144
CONTACT	.037

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03 <sub>2</sub>	REDRAWN IN CAD ECN 92-0010	8/2/93	<i>[Signature]</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating -65°C to +105°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10 In Lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) Sea Level 500	Mating Characteristics: Insertion (MAX Lbs) 3.0	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05+0.008(GHz)	Withdrawal (MIN Oz) 1.0	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) 0.3 √(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	Except High Temp shall be +115°C
RF Leakage (dB MIN) -[90-1GHz]	Center Contact Captivation: Axial (Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) 375	Radial (In-Oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1500	Cable Retention: Axial Force (Lbs) 60 MIN	
Contact Resistance (Milliohms MAX): Center Contact 3.0	Torque (In-Oz) 55 MIN	
Outer Contact 2.0	Weight (Oz) .12	
Cable to Housing .05		
RF High Potential Sea Level (VRMS MIN @ 5 MHz) 1000		
IR.(Megohms MIN) 10000		

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
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 OVER COPPER PLATE PER MIL-C-14550
*O* - RING	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY: <b>RMK</b> DATE: <b>7/9/69</b>	<b>AMP Incorporated</b> 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY: <b>BWC</b> DATE: <b>7/9/69</b>	
	APPROVED BY: <b>D.NANIA</b> DATE: <b>7/10/69</b>	
USE ASSY PROCEDURE	408-04768 NO. AP. (20-013)	TITLE <b>OSM BULKHEAD FEEDTHROUGH CABLE JACK - DIRECT SOLDER ATTACHMENT</b>
	SIZE <b>B</b> CODE IDENT NO. <b>26805</b>	2004-7941-00
	SCALE <b>4:1</b>	REV <b>03<sub>2</sub></b>
		SHEET <b>1</b> OF <b>1</b>

CUSTOMER DRAWING

AMP PART # 1051013-1  
SHEET 1 OF 1 REV A