



DESIGNED FOR USE WITH .141 DIA S/R CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.142
CONTACT	.0404

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₀	REVISED	2/16/97	ICM 2/16/97

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

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 304.1	Temperature Rating <u>-65°C to +105°C</u>
Frequency Range (GHz) DC to <u>11</u>	Recommended Mating	Vibration MIL-STD-1344, Method 2005, Condition IV, 30g Peak
Volt Rating (VRMS MAX)	Torque <u>12-15 In Lbs</u>	Shock MIL-STD-1344, Method 2004, Condition G
@ Sea Level <u>600</u>	Mating Characteristics:	Thermal Shock MIL-STD-1344, Method 1003, Test Condition A, Except High Temp 115°C
VSWR <u>1.07 + .007(f)/GHz</u>	Insertion (MAX Lbs) <u>2.0</u>	Corrosion - MIL-STD-1344, Method 1001, Condition B
Insertion Loss (dB MAX) <u>.03 √(f)/GHz</u>	Withdrawal (MIN Oz) <u>2.0</u>	
RF Leakage (dB MIN) <u>-90dB</u>	Force to Engage and Disengage (In/Lbs MAX) <u>6.0</u>	
Between 2 to 3 GHz	Center Contact Captivation	
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Axial (Lbs) <u>6.0</u>	
Dielectric Withstanding Voltage	Radial (In/Oz) <u>N/A</u>	
(VRMS MIN) @ Sea Level <u>1500</u>	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (Lbs) <u>60 Lbs Min</u>	
Center Contact <u>1.5</u>	Torque (In/Oz) <u>55 In Oz Min</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>TBD</u>	
RF High Potential @ Sea Level		
(VRMS MIN @ 5 MHz) <u>1000</u>		
IR.(Megohms MIN) <u>5000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY <i>B.M. EDWARDS</i>	DATE <i>2/5/91</i>	AMP AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY <i>K.C. MAHER</i>	<i>2/7/91</i>	
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	USE ASS'Y PROCEDURE 408-04911 NO. AP. (30-005)		TITLE OSN BULKHEAD FEEDTHROUGH CABLE JACK-DIRECT SOLDER ATTACHMENT
	SIZE B	CODE IDENT NO. 26805	3004-7941-00
SCALE 2:1		SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1057159-1
SHEET 1 OF 1 REV A