



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
040	REVISED	2/16/97	JCom 2/16/97

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
HOUSING	BRASS PER QQ-B-626 COMP. 360	GOLD PLATE PER MIL-G-45204
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. 304.2	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) @ Sea Level <u>600</u>	Torque <u>12-15 In Lbs</u>	Shock MIL-STD-1344, Method 2004, Condition G
VSWR <u>1.15 + .012(f)GHz</u>	Mating Characteristics:	Thermal Shock MIL-STD-1344, Method 1003, Condition A, Except High Temp 115°C
Insertion Loss (dB MAX) <u>.03 √(f)GHz</u>	Insertion (MAX Lbs) <u>2.0</u>	Corrosion - MIL-STD-1344, Method 1001, Condition B
RF Leakage (dB MIN) <u>-90dB Min between 2 to 3GHz</u>	Withdrawal (MIN Oz) <u>2.0</u>	
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Force to Engage and Disengage (In/Lbs MAX) <u>6.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</u>	
Center Contact <u>1.5</u>	Radial (In/Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Cable Retention	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1000</u>	Axial Force (Lbs) <u>60 Lbs Min</u>	
I.R.(Megohms MIN) <u>5000</u>	Torque (In/Oz) <u>55 In Oz Min</u>	
	Weight (Grams) <u>TBD</u>	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY KL	DATE 4/20/71			<b>AMP Incorporated</b> 140 Fourth Avenue Waltham, MA 02451-7599	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY					
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 BWC	4/20/71	TITLE OSN BULKHEAD FEEDTHROUGH CABLE JACK-DIRECT SOLDER ATTACHMENT		SIZE B	CODE IDENT NO. 26805
	USE ASS'Y PROCEDURE  408-04911 NO. AP. (30-005)		3004-7941-01		REV 040	
			SCALE 2:1		SHEET 1 OF 1	