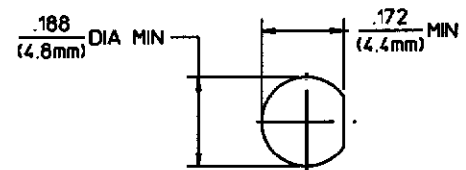


DESIGNED FOR USE WITH RG405/U SEMI-RIGID CABLE CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.0875
CONTACT	.0209

REVISIONS		DATE	APPROVED
REV	DESCRIPTION		
010	RELEASED	9/27/91	CAS



RECOMMENDED MOUNTING HOLE

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 319.2	Temperature Rating -65 TO +165 °C
Frequency Range (GHz) DC to 26	Recommended Mating Torque 7-8 in-lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 250	Mating Characteristics: Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.07 @ .010 (1GHz)	Withdrawal (MIN Oz) 1	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp Shall Be -85°C
Insertion Loss (dB MAX) $.07\sqrt{F(\text{GHz})}$ dB	Force to Engage and Disengage (in-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106, Except Vibration Shall Be Omitted
RF Leakage (dB MIN) -90 @ F(GHz) dB	Center Contact Caplivation Axial (Lbs) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 190	Radial (in-Oz) N/A	
Dielectric Withstanding Voltage (VRMS MIN @ Sea Level) 750	Cable Retention Axial Force (Lbs) 30	
Contact Resistance (Milliohms MAX)	Torque (in-Oz) 16	
Center Contact 4.0	Weight (Grams) TBD	
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500		
IR (Megohms MIN) 5000		

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 ± VAL. ±.005 ± °	DRAWN BY <i>DLG/ML</i> DATE 9/26/91	MACOM an AMP company	M/A-COM, Inc. Waltham, MA 02254
	CHECKED BY <i>BB</i> DATE 9/26/91		
These drawings and specifications are the property of Dart Spectra incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of material without written permission.	USE ASSY PROCEDURE	TITLE OSSM BULKHEAD FEEDTHROUGH CABLE JACK DIRECT SOLDER ATTACHMENT	
	NO. AP 10-053	SIZE B	REV 010
		CODE IDENT NO. 26805	1004-5005-90
	SCALE 4:1	SHEET 1 OF 1	

CUSTOMER 1045398
SHEET 1 OF 1
REV 0