

DESIGNED FOR USE WITH		REVISIONS	
141 SR		REV	DESCRIPTION
CABLE ENTRY DIAMETER MINIMUM		010	RELEASED
HOUSING	.161		
SLEEVE	.146		
CONTACT	.039		

-.003
 -.000
 .125
 .32

+.004
 -.000
 .281
 .71

RECOMMENDED MOUNTING HOLE

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	FINISH
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310-2	Temperature Rating -95 TO 185°C	PASSIVATE PER 00-P-35
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10 IN-LBS	Vibration MIL-STD-202, Method 204, Condition D	N/A
Volt Rating (VRMS MAX) 0 Sea Level 500	Mating Characteristics Insertion (MAX Lbs) 2	Shock MIL-STD-202, Method 213, Condition 1	GOLD PLATE PER MIL-G-45204
VSWR 1.05 + 0.05 (GHz)	Withdrawal (MIN Oz) 1	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C	GOLD PLATE PER MIL-G-45204
Insertion Loss (dB MAX) .02 (GHz)	Force to Engage and Disengage (IN-Lbs MAX) 2	Moisture Resistance MIL-STD-202, Method 106	N/A
RF Leakage (dB MIN) -90	Center Contact Captivation Axial (Lbs) 6	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray	
Corona, 20,000 Ft (VRMS MIN) 375	Radiat (in-Oz) N/A		
Dielectric Withstanding Voltage (VRMS MIN @ Sea Level 1,500)	Cable Retention Axial Force (Lbs) 60		
Contact Resistance (Milliohms MAX)	Torque (in-Oz) 55		
Center Contact 3.0	Weight (Grams) TBD		
Outer Contact 2.0			
Cable to Housing .05			
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1,000			
IR (Megohms MIN) 5,000			

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER CLAMP NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER 00-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
SLEEVE	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
O-RING	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC	DEC	ANGLES
1/64	.005	1°

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DRAWN BY K L E DATE 8-22-90

CHECKED BY

APPD BY [Signature] 9/20/96

USE ASSY PROCEDURE

NO. 20-560

M/A-COM, Inc.
Waltham, MA 02254

TITLE "OSM" BULKHEAD FEEDTHRU CABLE JACK-SOLDER CLAMP ATTACHMENT			
SIZE 8	CODE IDENT NO 26805	2004-8008-92	REV 010
SCALE 4:1		SHEET 1 OF 1	

Tyco Customer P/N 1051029
Sheet 1 of 1 Rev 0