



Technical drawing of a circular part with dimensions and tolerances:

- Top horizontal dimension: 0.125 ± 0.003
- Right vertical dimension: 3.2 ± 0.000
- Left vertical dimension: 0.281 ± 0.004
- Bottom horizontal dimension: 7.1 ± 0.000

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-248A	Temperature Rating -65 to +165°C
Frequency Range (GHz) DC to 18	Fig. 310-2	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition D
@ Sea Level 500	Torque 7-10 IN-LBS	Shock MIL-STD-202, Method 213,
VSWR 1.05 + .008 F(GHz)	Mating Characteristics	Condition 1
Insertion Loss (dB MAX) .03 $\sqrt{\text{F(GHz)}}$	Insertion (MAX Lbs) 2	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) -90	Withdrawal (MIN Oz) 1	Method 107, Condition B,
Corona, 70,000 Ft (VRMS MIN) 375	Force to Engage and	Except High Temp +115°C
Dielectric Withstanding Voltage	Disengage (In-Lbs MAX) 2	Moisture Resistance MIL-STD-202,
(VRMS MIN) @ Sea Level 1500	Center Contact Configuration	Method 106
Contact Resistance (Milliohms MAX)	Axial (Lbs) N/A	Corrosion - MIL-STD-202, Method
Center Contact 3.0	Radial (In-Oz) N/A	101, Condition B, 5% salt spray
Outer Contact 2.0	Cable Retention	
Cable to Housing 0.5	Axial Force (Lbs) 60	
RF High Potential @ Sea Level	Torque (In-Oz) 55	
(VRMS MIN @ 5 MHz) 1,000	Weight (Grams) TBD	
IR (Megohms MIN) 5,000		

XXX = In

XXX = mm (REF)

HOUSING LOCKWASHER MOUNTING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204				
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				
O-RING	SILICONE RUBBER PER ZZ-R-765	N/A				
COMPONENT	MATERIAL	FINISH				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY K. L. E. DATE 6-22-98 CHECKED BY _____ APP'D BY <i>[Signature]</i> 9/20/96	 M/A-COM, Inc. Wallham, MA 02254				
FRAC DEC ANGLES 1/16" .005 1/2"	USE ASSY PROCEDURE NO. AP. 20-558	TITLE "OSM" BULKHEAD FEEDTHRU CABLE JACK-DIRECT SOLDER ATTACHMENT <table border="1"><tr><td>SIZE B</td><td>CODE IDENT NO 26805</td><td>2004-8006-90</td><td>REV 01</td></tr></table>	SIZE B	CODE IDENT NO 26805	2004-8006-90	REV 01
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