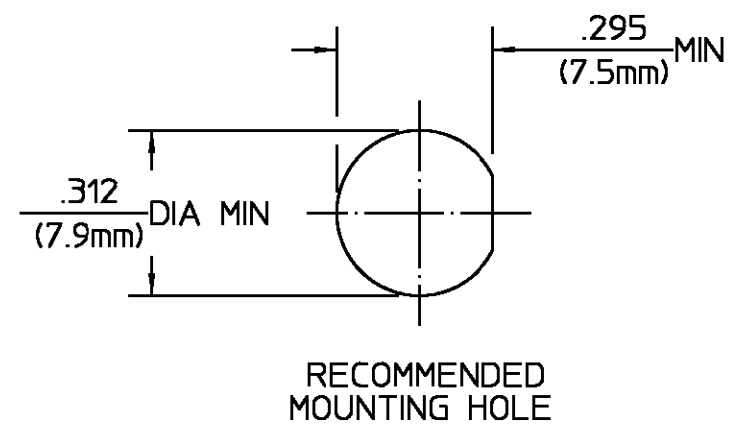
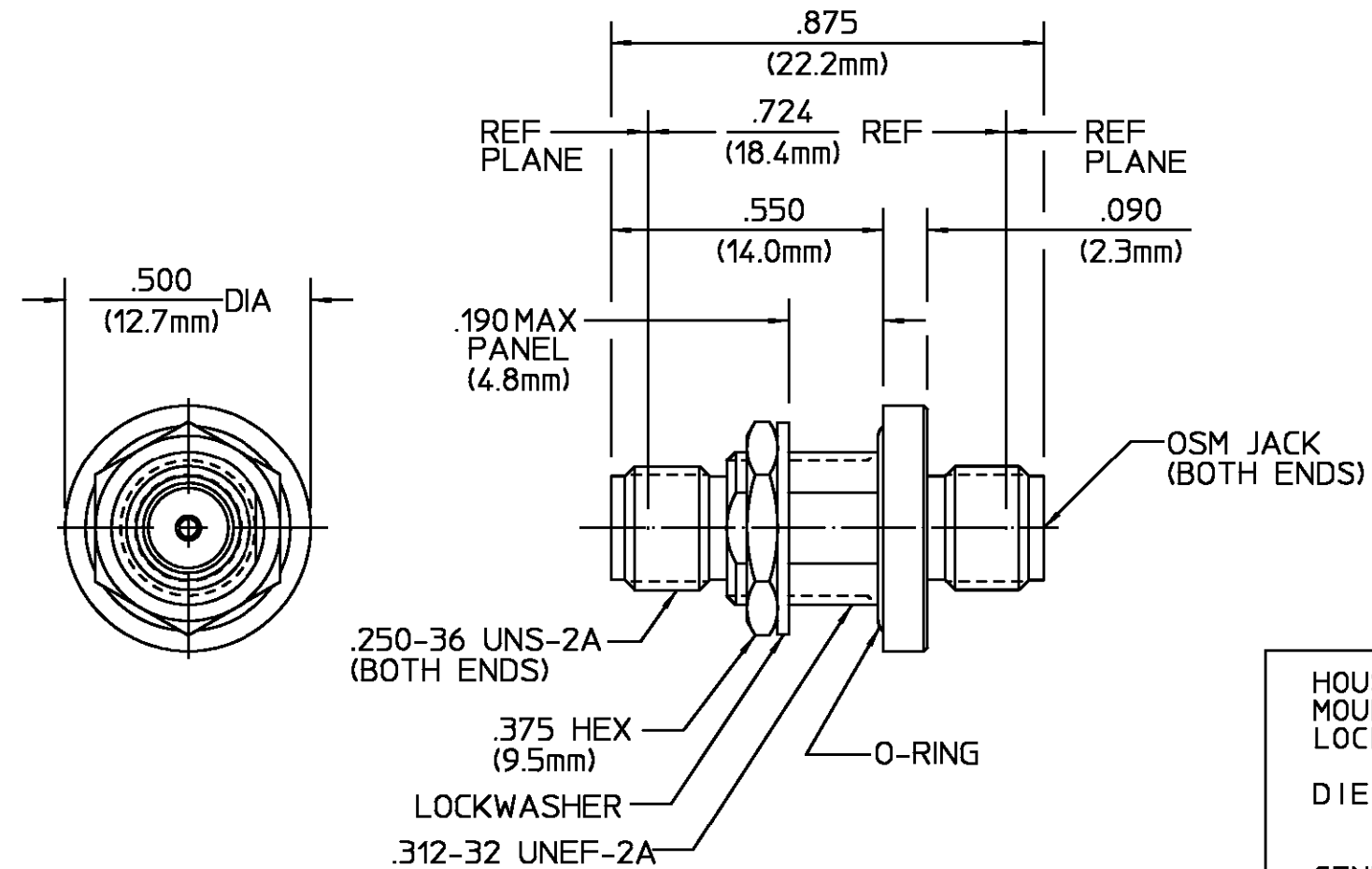


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	RELEASED	3/10/95	<i>DCamello</i>



DESIGN CONTROL REQUIRED

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	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
CONTACT EXT.	IRON-NICKEL ALLOY PER ASTM-F-30	NICKEL PLATE PER QQ-N-290
O-RING	EPM PER ASTM-D2000-70	N/A
HERMETIC SEAL	GLASS BEAD	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) <u>DC to 18.0</u>	Recommended Mating Torque <u>7 to 10 In-Lbs</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.10 + .010 f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition C
Insertion Loss (dB MAX) <u>.15√f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-90</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Radial (In-Oz) <u>N/A</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Seal: Hermetic: <u>1 x 10⁻⁷ cc/sec</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>8.0</u>	Weatherproof: <u>30 psi MAX</u>	
Outer Contact <u>4.0</u>	Mounting Seal	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>	Weight (Grams)	
I.R.(Megohms MIN) <u>5000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		DRAWN BY <i>DCamello</i> DATE 3/10/95		AMP Incorporated	
FRAC.	DEC.	ANGLES	CHECKED BY <i>DCamello</i>	140 Fourth Avenue Waltham, MA 02451-7599	
± 1/64	± .005	± 1°	APPD BY <i>DCamello</i> 3/10/95	AMP	
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 item(s) without written permission.			USE ASSY PROCEDURE	TITLE OSM BULKHEAD FEEDTHRU JACK TO JACK ADAPTER HERMETICALLY SEALED	
NO. AP. <u>N/A</u>			SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	REV <u>01</u>
			SCALE <u>3 : 1</u>	<u>1250-1753-10</u>	SHEET 1 OF 1