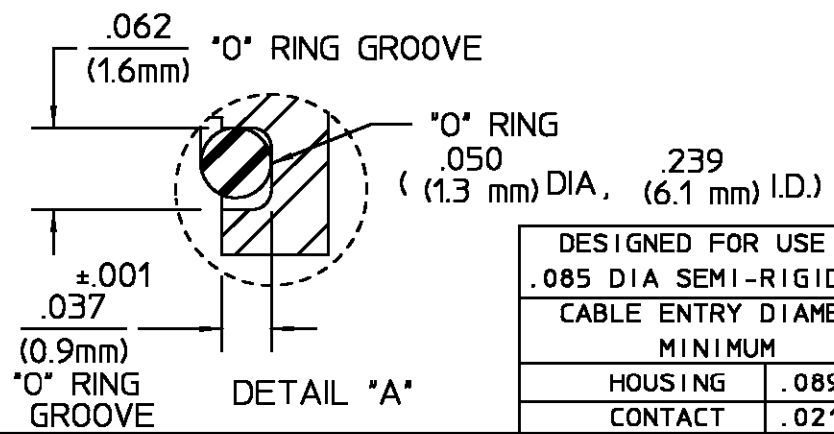
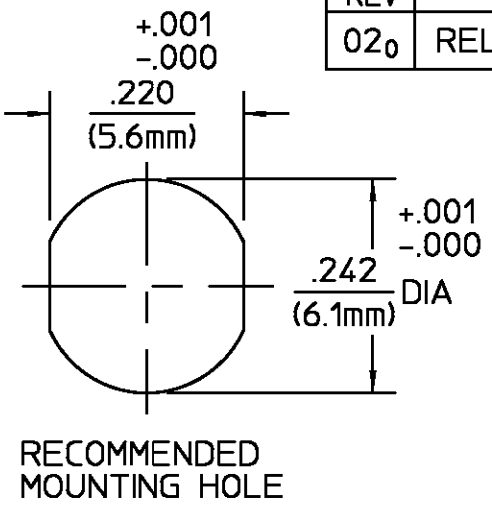
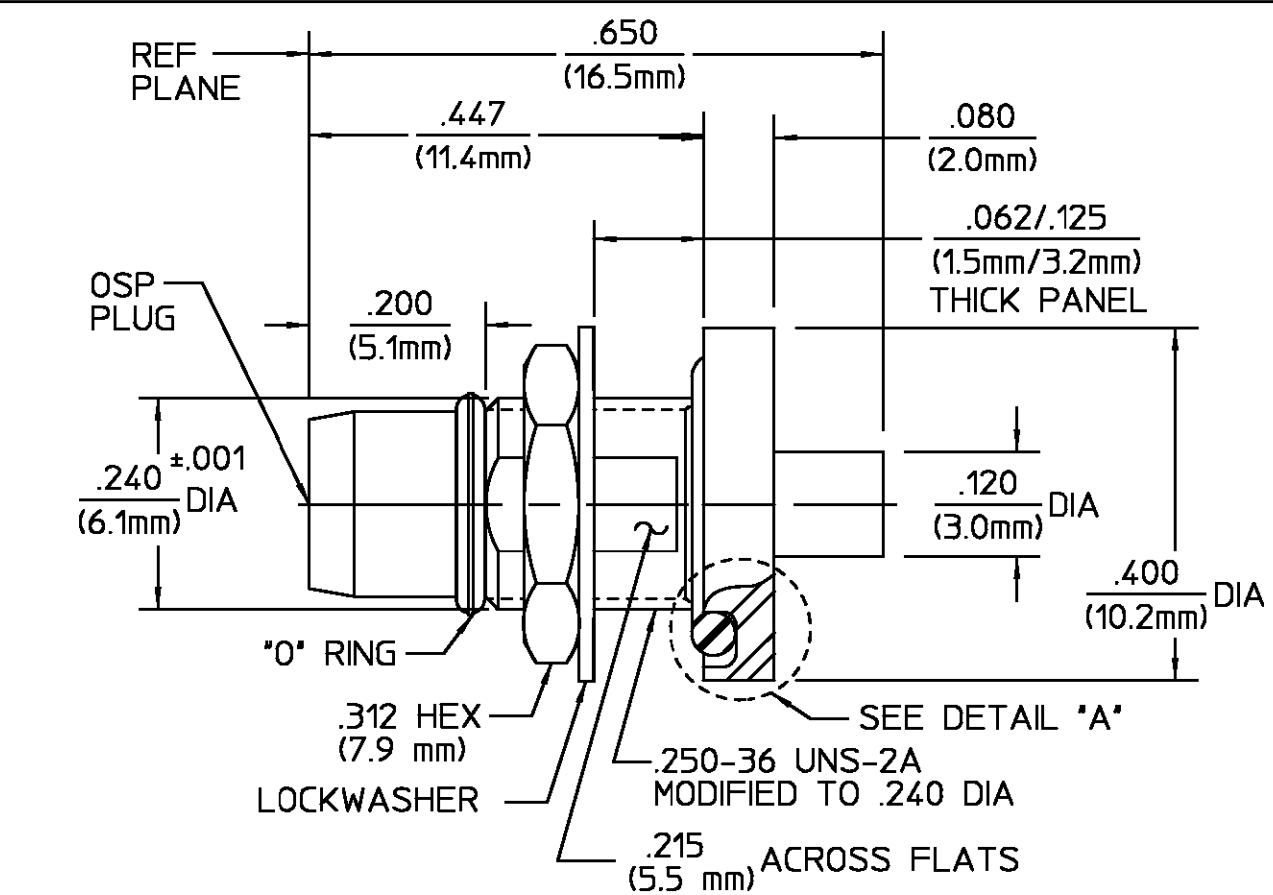




REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
020	RELEASED	4/26/93	MM 4/28/93

DESIGNED FOR USE WITH	
.085 DIA SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.021

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50 ±1	Interface Dimensions	Temperature Rating -65° to +125°C
Frequency Range (GHz) DC to 2.0	OMNI-SPECTRA CATALOG	Vibration MIL-STD-202, Method 204, Condition D, 20 G'S
Volt Rating (VRMS MAX)	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I, 100G's
@ Sea Level 335	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B
VSWR 1.10+0.01f(GHz) DC to 2.0 GHz	Withdrawal (MIN Oz) N/A	Except High Temperature Shall Be 115°
Insertion Loss (dB MAX) .03x√f(GHz)	Force to Engage (In-Lbs MAX) 3	Moisture Resistance MIL-STD-202, Method 106, Except Step 7B
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(85-f(GHz))	& Disengage (In-Lbs MAX) 1.5	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Axial (Lbs) 6	
Contact Resistance (Milliohms MAX)	Cable Retention	
Center Contact 2.0	Axial Force (Lbs MIN) 30	
Outer Contact 2.0	Torque (In-Oz MIN) 16	
Cable to Housing 0.5	Weight (Grams) TBD	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Hermetic Seal 1 x 10 ⁻⁵ cc/sec/atm	
IR.(Megohms MIN) 5000		

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380 EXCEPT CABLE TERMINATION AREA TO BE GOLD PLAT PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
BUSHING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
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 INTERNAL	SILICONE RUBBER PER ZZ-R-765	N/A
O-RING EXTERNAL	NITRILE (BUNA-N) PER MIL-P-25732	N/A
COMPONENT	MATERIAL	FINISH

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON

FRAC.	DEC.	ANGLES
± 1/64	±.005	± 1°

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DRAWN BY D.CAM DATE 7/10/92

CHECKED BY

APPD BY T.DOWNS 10/12/92

USE ASS'Y PROCEDURE

NO. AP. 45-144 408-04609

AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599

TITLE OSP BULKHEAD FEEDTHROUGH CABLE PLUG DIRECT SOLDER ATTACHMENT

SIZE B	CODE IDENT NO. 26805	4503-5058-24	REV 020
SCALE 5:1			SHEET 1 OF 1