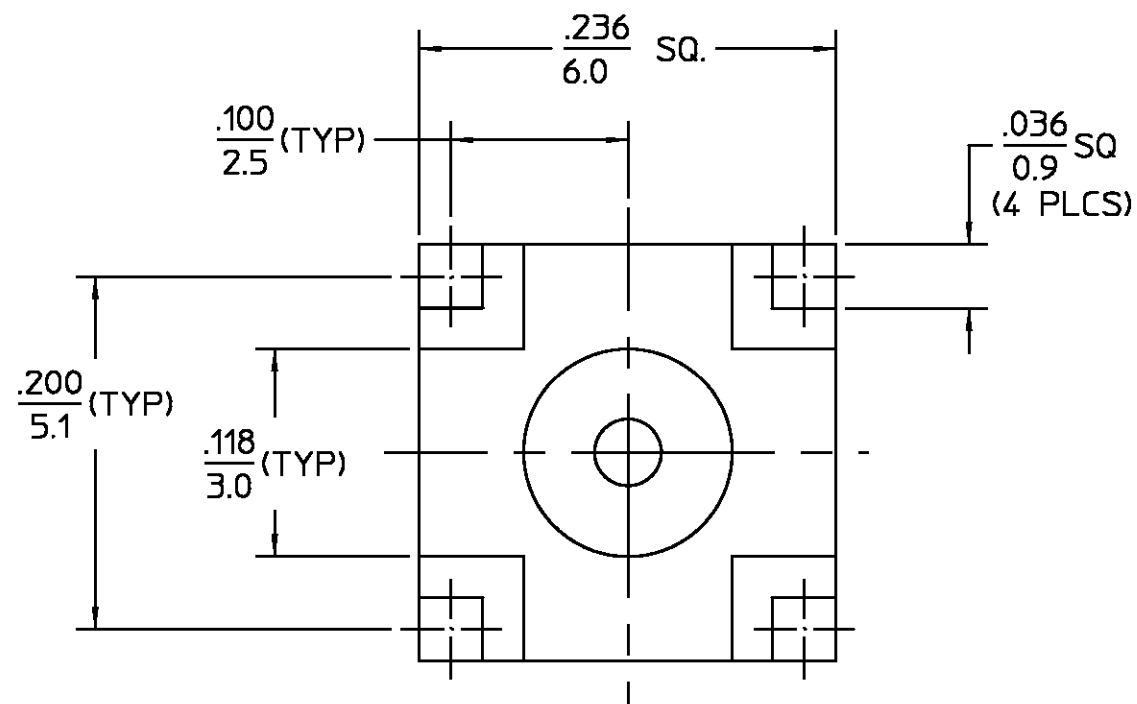
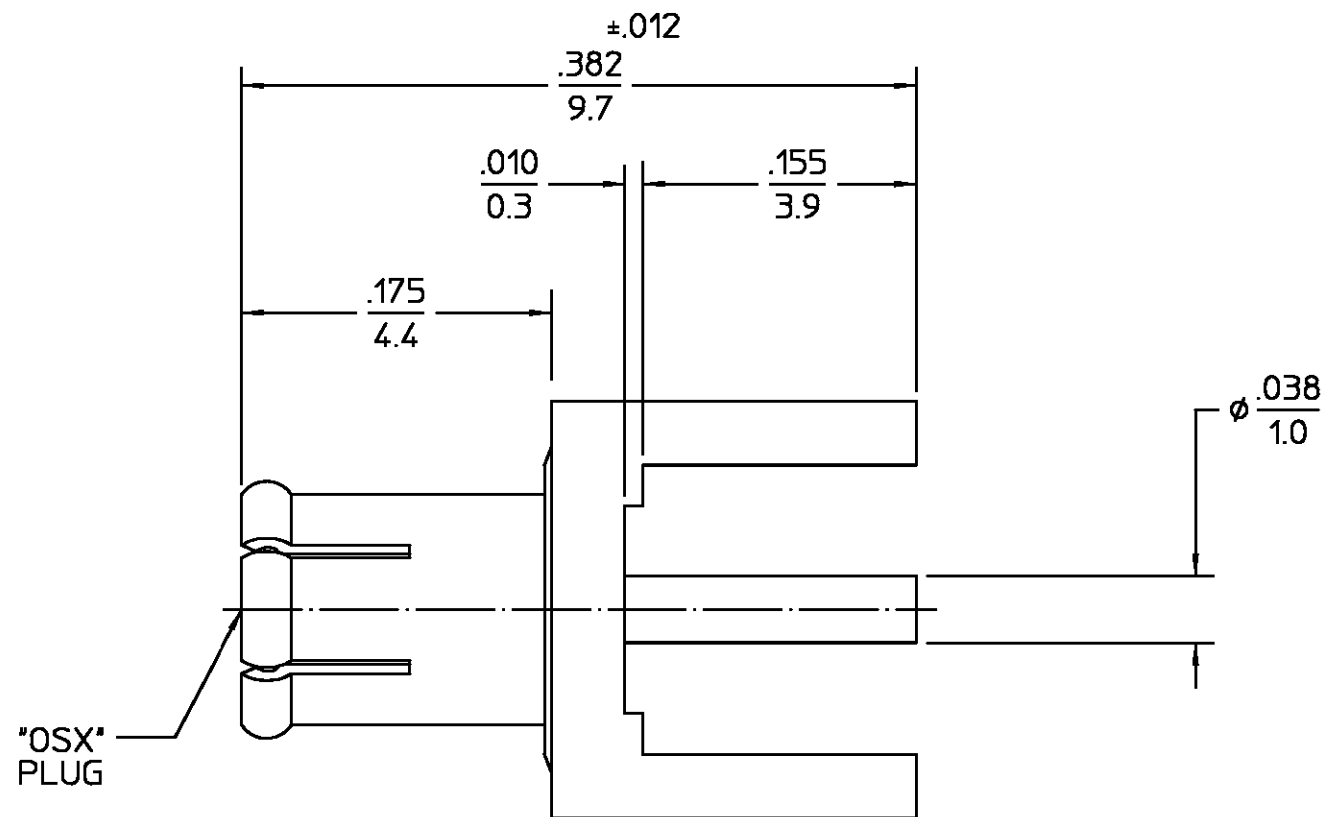




REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	2/27/97	<i>DCamelio</i>

ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) <u>DC to 4.0</u>
Volt Rating (VRMS MAX)
@ Sea Level <u>335</u>
VSWR <u>1.15:1 MAX</u>
Insertion Loss .1dB MAX x fGHz
Corona, 70,000 Ft (VRMS MIN) <u>250</u>
Dielectric Withstanding Voltage
(VRMS MIN) @ Sea Level <u>1000</u>
Contact Resistance (Milliohms MAX)
Center Contact <u>5.0</u>
Outer Contact <u>1.0</u>
Cable to Housing <u>1.0</u>
RF High Potential @ Sea Level
(VRMS MIN @ 5 MHz) <u>670</u>
I.R.(Megohms MIN) <u>10,000</u>

MECHANICAL
Force to Engage (Lbs MAX)
<u>3.4</u>
& Disengage (Lbs) <u>1.77MIN, 4.5MAX</u>
Center Contact Captivation To Maintain
OSX Interface When Mating

ENVIRONMENTAL
Temperature Rating <u>-65° to +165°C</u>
Vibration MIL-STD-202, Method
204, Condition B
Thermal Shock MIL-STD-202,
Method 102, Condition C
Moisture Resistance MIL-STD-202,
Method 106D,10 Cycles, 24 Hours
Corrosion - MIL-STD-202, Method
101, Condition b
.XXX = in
XX.X = mm

HOUSING	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT CONTACT FINGERS	BERYLLIUM COPPER PER ASTM B 196 OR ASTM B 197 ALLOY C17300, COND. H	GOLD PLATE PER MIL-G-45204
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	DRAWN BY KLE DATE 2-28-97	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY	
	APPROVED BY <i>DCamelio</i> 2/27/97	
	USE ASS'Y PROCEDURE	
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CUSTOMER DRAWING

AMP PART # 1085221-1
SHEET 1 OF 1 REV A

Mouser Electronics

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