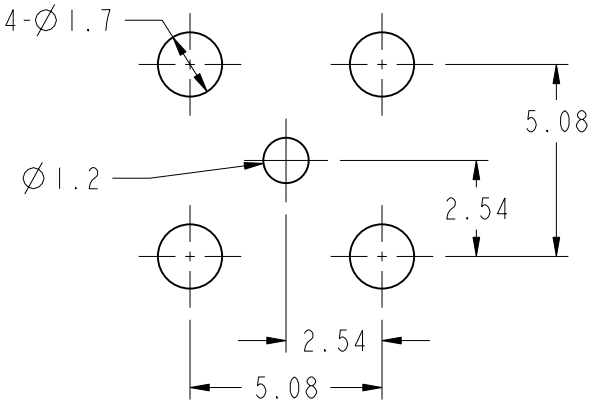


- NOTES:
1. MATERIAL AND FINISH (PLATING THICKNESS IN MICRO-INCHES):
BODY BRASS, GOLD PLATING
CONTACT PIN BRASS, GOLD PLATING
INSULATOR PEEK, NATURAL
2. ELECTRICAL:
A. IMPEDANCE:50 OHM
B. FREQUENCY RANGE: DC-10 GHz
C. RETURN LOSS(VSWR): 26 dB MIN.@ DC-4 GHz
23 dB MIN.@ 4-6 GHz
D. INSULATION LOSS: 0.03X $\sqrt{f(\text{GHz})}$ dB MAX.
E. INSULATION RESISTANCE:5 GOHM MIN.
F. POWER HANDLING:200 W MAX.@ 2.2 GHz AT 20°C
G. INTERMODULATION(3rd order):-117 dBm MAX.@ 2X20W
3. MECHANICAL:
A. MATING CYCLES:100 MIN.
B. TEMPERATURE RANGE:-65°C TO +165°C

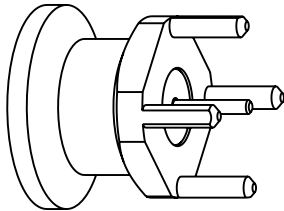
THIRD ANGLE PROJ. 

REVISIONS

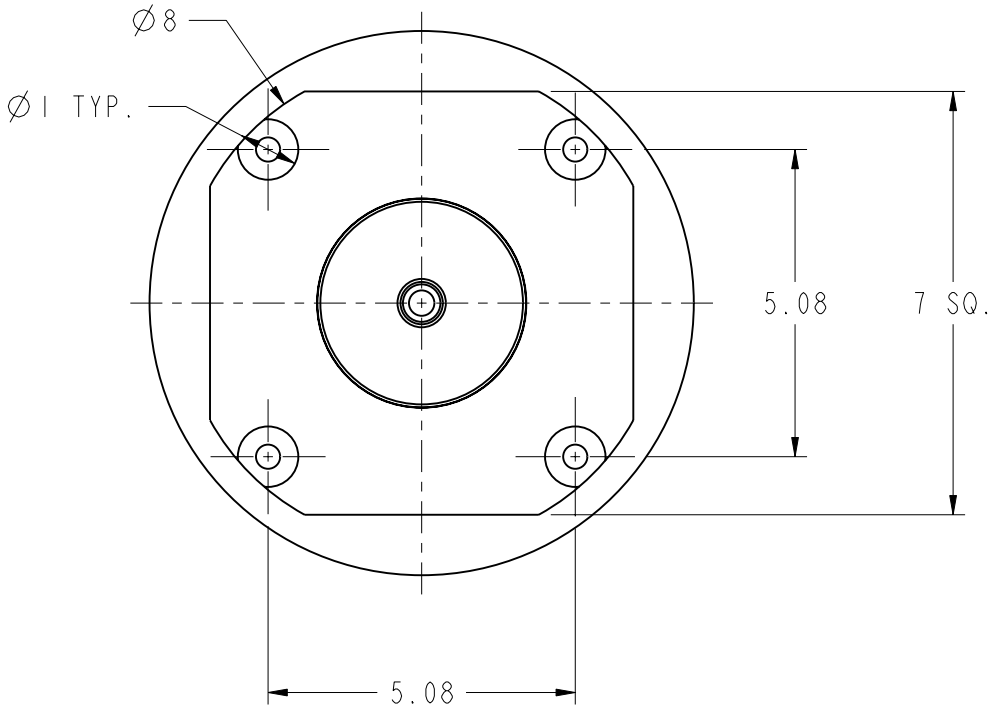
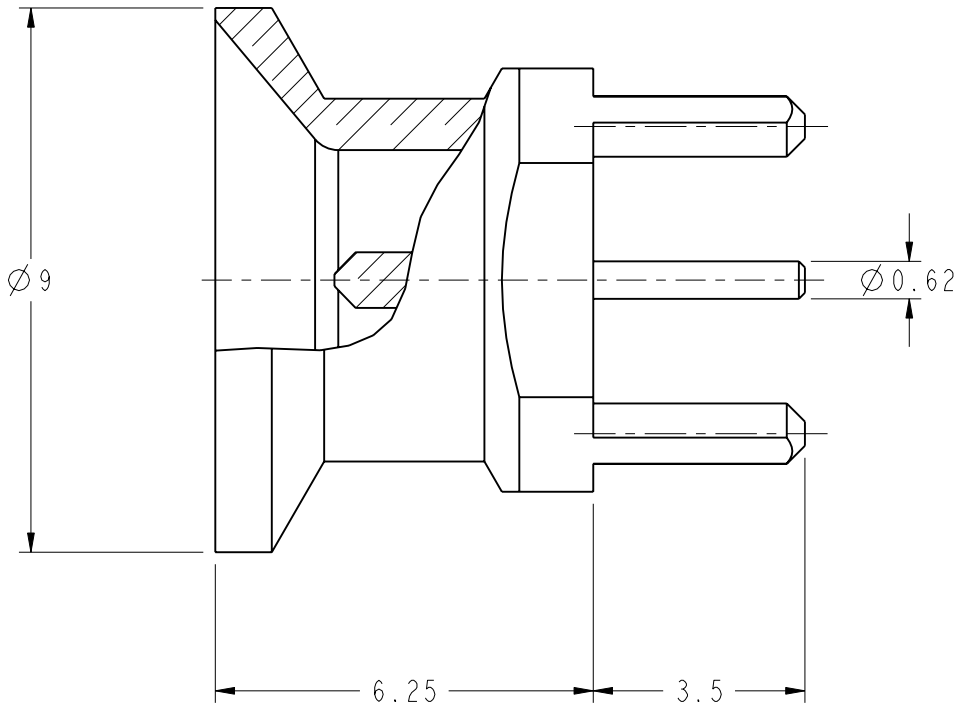
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	16-Dec-13		LL



PCB MOUNTING HOLE



SCALE 3.000



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°	MATERIAL	DRAWN LITY	DATE	TITLE POWER-SMP, PLUG SMOOTH BORE		Amphenol RF	
		ENGINEER RICKSON	DATE			16-Dec-13	Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com
NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other sperson to manufacture, use or sell any product, process or design, patented or otherwsie, that may in any way be related to or disclosed by said drawings, specifications, or other data.	REFERENCE EAR04938	APPROVED	DATE	SCALE: 10.0:1.0		SHEET	2 OF 2
		S.H	16-Dec-13				
			CAD FILE		DWG SIZE		REV
	FINISH			B		A	
		I:\PSMP\PSMP1251BI-001-8GPAP8GPA-50		DRAWING NO. PSMP1251BI-001-8GPAP8GPA-50			
				ITEM NO. 671251AAS022C5F			
				PART NO.			