

NOTES:

1. MATERIAL AND FINISH:

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: 26 dB MIN.@ DC-4 GHz
23 dB MIN.@ 4-6 GHz
D. INSERTION 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

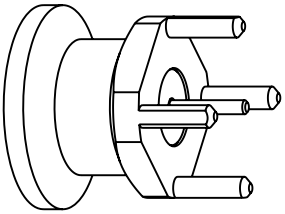
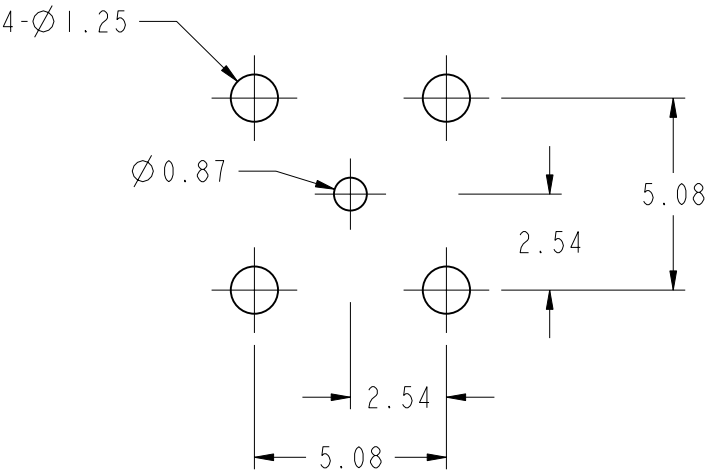
3. MECHANICAL:

- A. MATING CYCLES:100 MIN.
B. TEMPERATURE RANGE:-65°C TO +165°C

THIRD ANGLE PROJ.

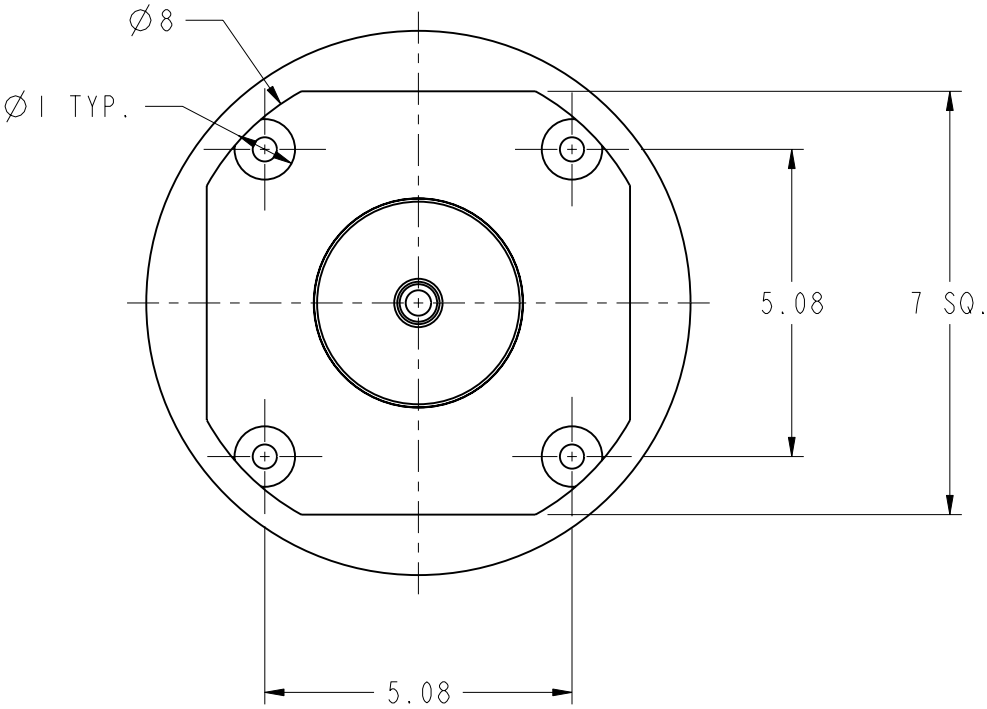
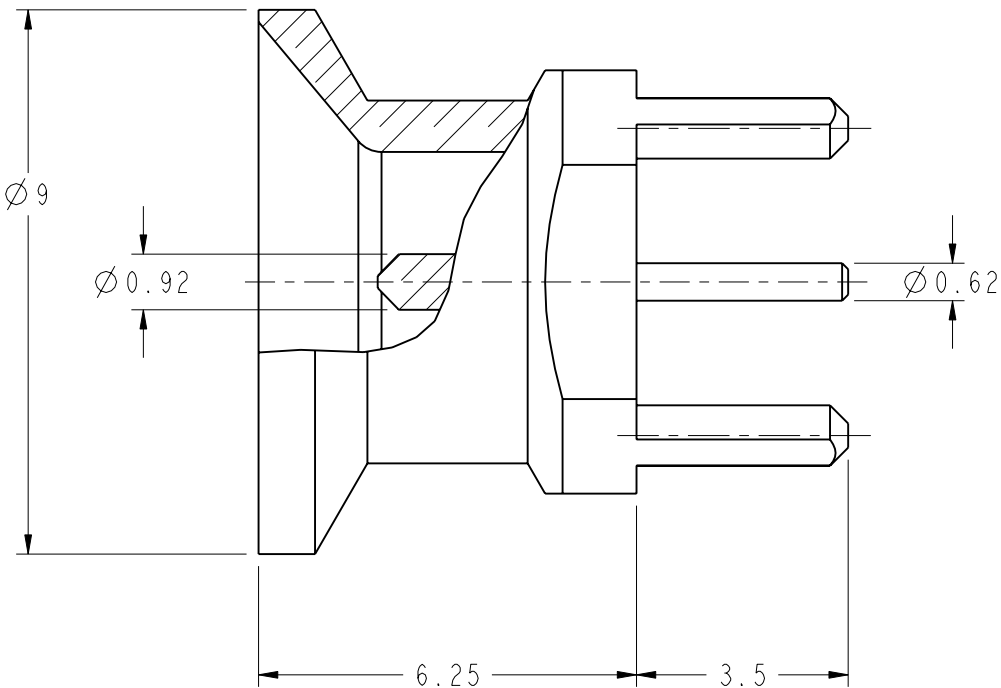
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	16-Dec-13		LL
B	TITLE WAS CHANGED. ADDED PART NO. PSMP-MSSB-PCT35 UPDATED RECOMMENDED PCB MOUNTING HOLE	03-Dec-15	50842	SW



SCALE 3.000

RECOMMENDED PCB MOUNTING HOLE



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm ±0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ±0.3mm ANGLES ±1°

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 person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

MATERIAL	DRAWN STAMN	DATE 03-Dec-15	TITLE POWER-SMP, MALE SMOOTH BORE		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com
	ENGINEER RICKSON	DATE 16-Dec-13			
REFERENCE EAR04938	APPROVED RICKSON	DATE 03-Dec-15	SCALE: 10.0:1.0	SHEET 2 OF 2	DRAWING NO. PSMP1251BI-001-8GPAP8GPA-50
	CAD FILE		DWG SIZE B	REV B	ITEM NO. 671251AAS022C5F
FINISH	I:\PSMP\PSMP1251BI-001-8GPAP8GPA-50				PART NO. PSMP-MSSB-PCT35