NOTES:

I. 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 $\sqrt{f(GHz)}$ dB MAX.

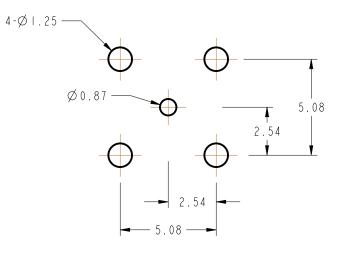
E. INSULATION RESISTANCE: 5 GOHM MIN. F. POWER HANDLING: 200 W MAX.@ 2.2 GHz AT 20°C

G. INTERMODULATION(3rd ORDER): -117 dBm MAX. @ 2X20W

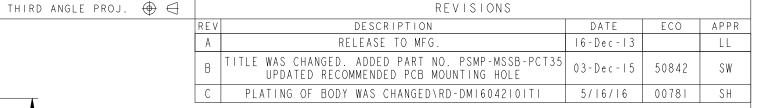
3. MECHANICAL:

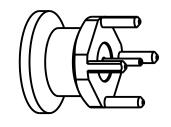
A. MATING CYCLES: 100 MIN.

B. TEMPERATURE RANGE: -65°C TO +165°C

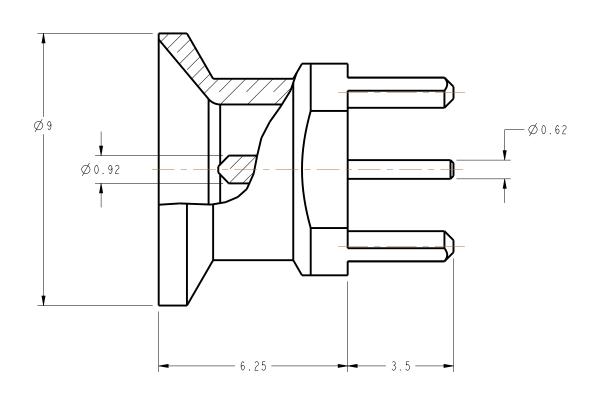


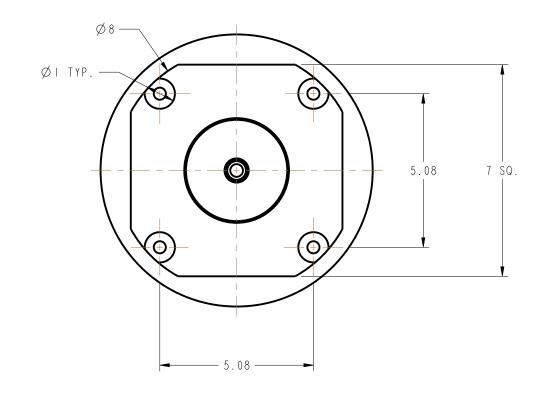
RECOMMENDED PCB MOUNTING HOLE





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 TANGOR	DATE 26-Apr-16	TITLE POWER-SMP, MALE	Amphenol RF
not to be regarded by implication or otherwise in any manner licensing, granting		ENGINEER RICKSON	DATE 26 - Apr - 16	SMOOTH BORE	www.amphenolrf.com
	REFERENCE EARO4938	APPROVED S.HSIEH	DATE 26-Apr-16	SCALE: 5.0:1.0 SHEET 2 OF 2	DRAWING NO.PSMP1251B1-001-8GPAP8GPA-50
	CONFIGURATION LEVEL:	CAD FILE	20 110	DWG SIZE REV	- ITEM NO. 671251AAS022C5F
or discressed by said diamings, specifications, or other data.	FINISH	1		В С	PART NO. PSMP-MSSB-PCT35

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