

NOTES:

1. MATERIAL AND FINISH:

BODY - BRASS, GOLD PLATING  
CONTACT - BRASS, GOLD PLATING  
INSULATOR - PTFE, NATURAL

2. ELECTRICAL:

- A. IMPEDANCE:50 OHM
- B. FREQUENCY RANGE: DC - 10 GHz
- C. RETURN LOSS: 30 dB MIN. DC - 4 GHz  
25 dB MIN. 4 - 6 GHz
- D. INSERTION LOSS:  $0.05 \times \sqrt{f(\text{GHz})}$  dB MAX.
- E. DIELECTRIC WITHSTANDING VOLTAGE: 1000VRMS. MIN.
- F. POWER HANDLING:200 W MAX.@ 2.2 GHz AT 20°C
- G. INTERMODULATION(3rd order):-160 dBc Max.@ 2X20W

3. MECHANICAL:

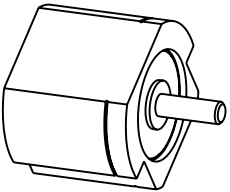
- A. DURABILITY:500 CYCLES MIN.
- B. TEMPERATURE RANGE:-65°C TO +165°C

THIRD ANGLE PROJ.

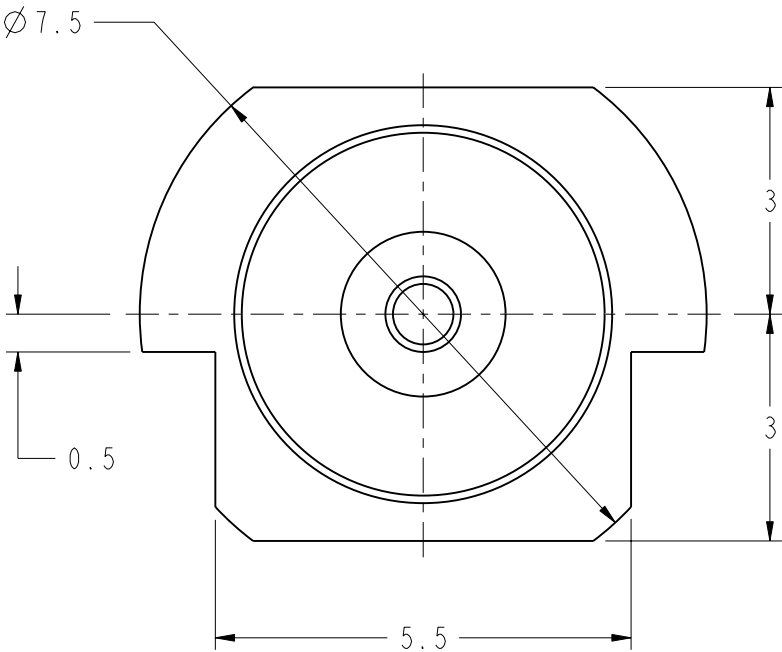
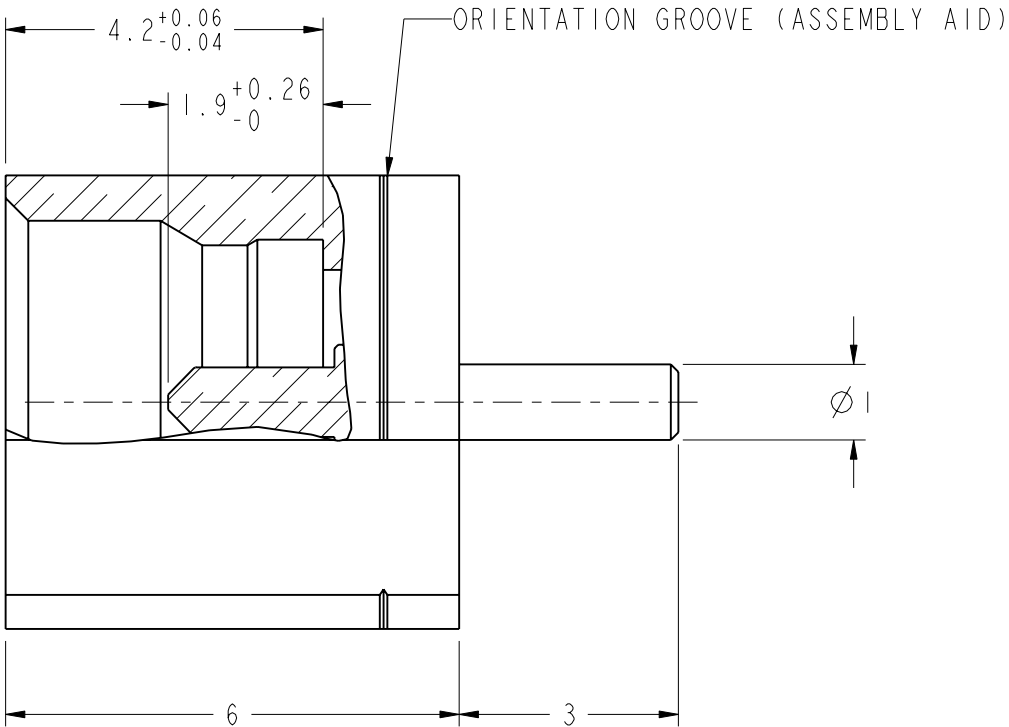


REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	17-Apr-13		RS
B	TITLE WAS CHANGED, ADDED PART NO. PSMP-MSLD-PCE	19-Nov-15	50842	BCG



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 ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ± 1°

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MATERIAL	DRAWN STAMN	DATE 20-Nov-15	TITLE POWER-SMP, MALE LIMITED DETENT PCB		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
	ENGINEER R.CHEN	DATE 17-Apr-13				
REFERENCE	APPROVED S.HSIEH	DATE 20-Nov-15	SCALE: 10.0:1.0	SHEET	2 OF 2	DRAWING NO. PSMP125ISI-001-8GPAT8GPA-50
	CAD FILE	I:\POWER-SMP\PSMP125ISI-001-8GPAT8GPA-50		DWG SIZE B	REV B	ITEM NO. 671251AAAA12P5F
FINISH						PART NO. PSMP-MSLD-PCE

# Mouser Electronics

Authorized Distributor

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