

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: $0.05X\sqrt{f(\text{GHz})}$ 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:

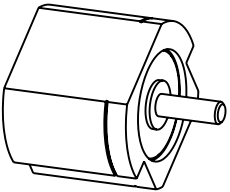
- A. DURABILITY:500 CYCLES MIN.
- B. TEMPERATURE RANGE:-65°C TO +165°C

THIRD ANGLE PROJ.

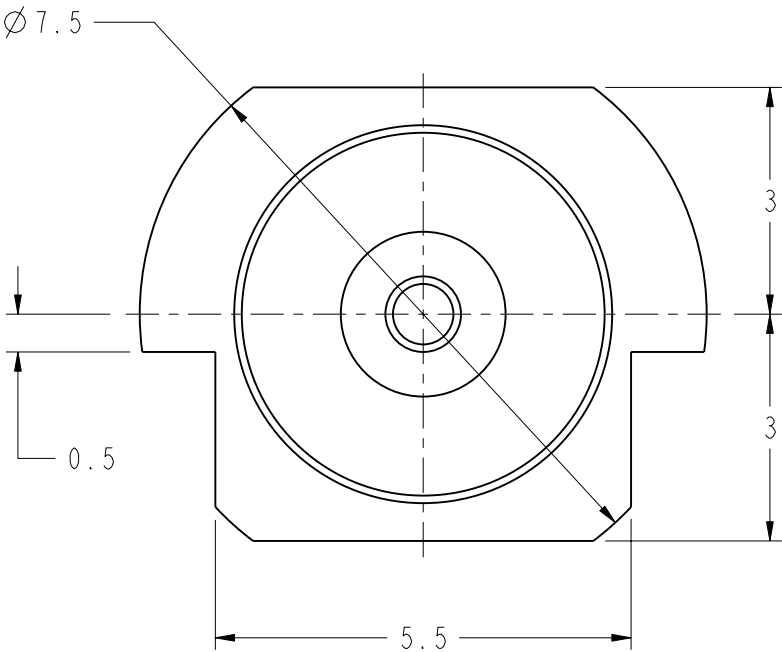
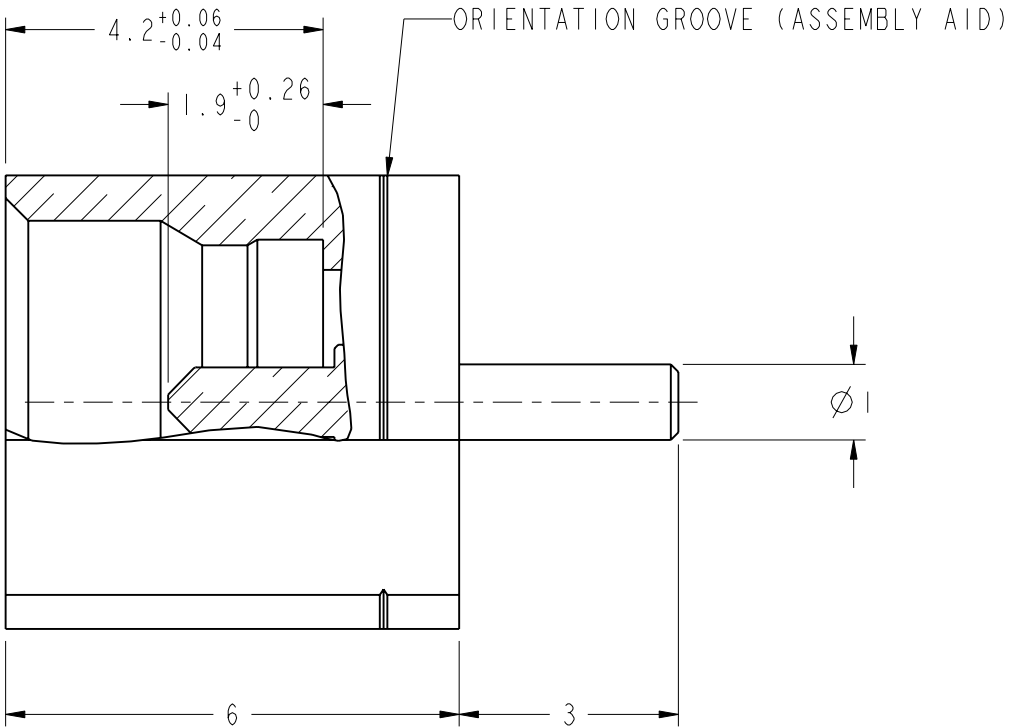


REVISIONS

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°

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
20-Nov-15

ENGINEER
R.CHEN

DATE
17-Apr-13

REFERENCE

APPROVED
S.HSIEH

DATE
20-Nov-15

CAD FILE

I:\POWER-SMP\PSMPI25ISI-001-8GPAT8GPA-50

TITLE

POWER-SMP, MALE
LIMITED DETENT PCB

SCALE: 10.0:1.0 SHEET 2 OF 2

DWG SIZE

B

REV

B

Amphenol RF

Danbury CT USA, Tainan, Taiwan, Shenzhen, China
www.amphenolrf.com

DRAWING NO. PSMPI25ISI-001-8GPAT8GPA-50

ITEM NO. 671251AAAA12P5F

PART NO. PSMP-MSLD-PCE