NOTES:

1. MATERIAL AND FINISH:

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

2. ELECTRICAL:

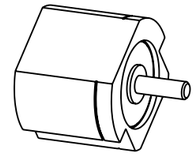
   A. IMPEDANCE:50 OHM
   B. FREQUENCY RANGE: DC - 10 GHz
   C. RETURN LOSS: 30 dB MIN. DC - 4 GHz
      25 dB MIN. 4 - 6 GHz
   D. INSERTION LOSS: $0.05X\sqrt{f(GHz)}$ dB MAX.
   E. DIELECTRIC WITHSTANDING VOLTAGE: 1000VRMS. MIN.
   F. POWER HANDLING:200 W MAX.@ 2.2 GHz AT 20°C
   G. INTERMODULATION(3rd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

3. MECHANICAL:

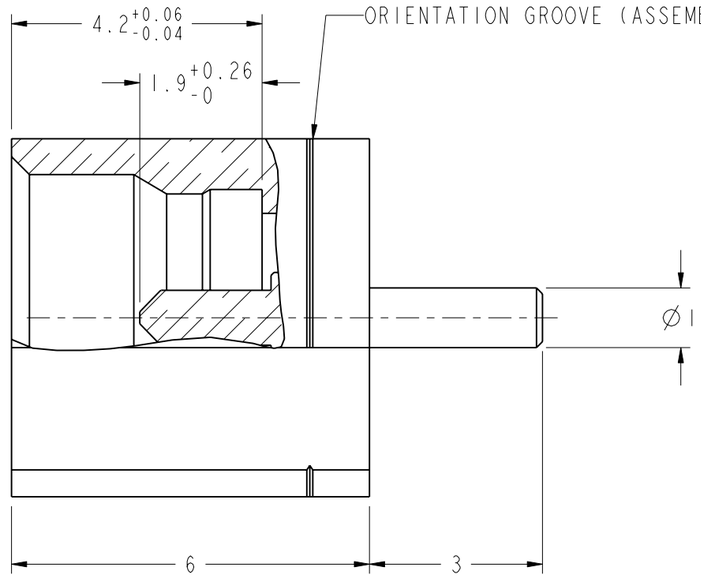
   A. DURABILITY:500 CYCLES MIN.
   B. TEMPERATURE RANGE:-65°C TO +165°C

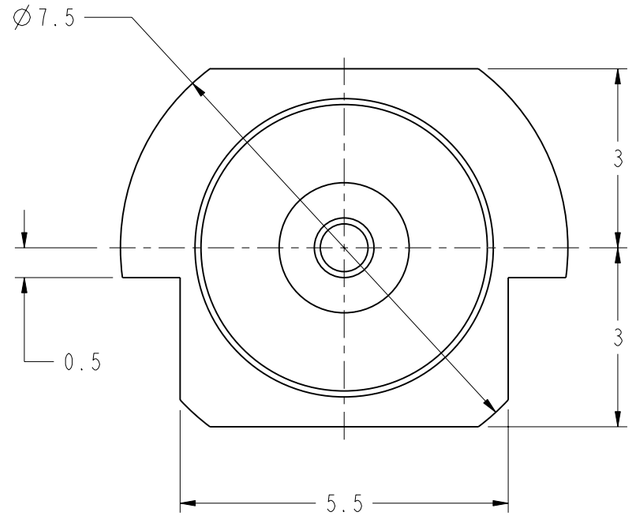
THIRD ANGLE PROJ.

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

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon requiest; and (3) arre confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the funishing 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 implicatioin 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.

MATERIAL

REFERENCE

FINISH

DRAWN STAMN	DATE 20-Nov-15
ENGINEER R.CHEN	DATE 17-Apr-13
APPROVED S.HSIEH	DATE 20-Nov-15
CAD FILE	I:\POWER-SMP\PSMP125ISI-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.PSMP125ISI-001-8GPAT8GPA-50

ITEM NO. 671251AAAA12P5F

PART NO. PSMP-MSLD-PCE