

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.

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

C

PLATING OF BODY WAS CHANGED\RD-DMI6042101T1

5/16/16

00781

SH

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

0.5 - 6mm

6 - 30mm

30 - 120mm

ANGLES

± 0.05mm

±0.1mm

±0.2mm

± 0.3mm

±1°

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MATERIAL

DRAWN
TANGOR

DATE
26-Apr-16

ENGINEER
RICKSON

DATE
26-Apr-16

REFERENCE
EAR04938

APPROVED
S.HSIEH

DATE
26-Apr-16

CONFIGURATION LEVEL:

CAD FILE

FINISH

TITLE
POWER-SMP, MALE
SMOOTH BORE

SCALE: 5.0:1.0

SHEET 2 OF 2

DWG SIZE
B

REV
C

Amphenol RF

www.amphenolrf.com

DRAWING NO.PSMPI25IBI-001-8GPAP8GPA-50

ITEM NO. 671251AAS022C5F

PART NO. PSMP-MSSB-PCT35

Mouser Electronics

Authorized Distributor

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