

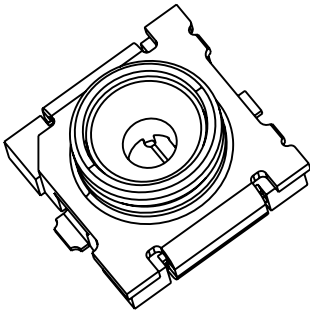
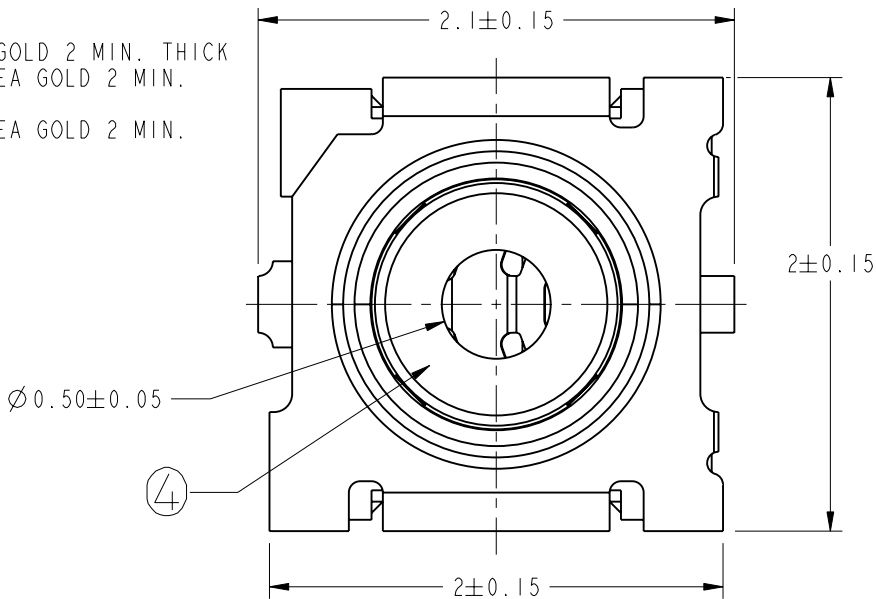
NOTES:

1. MATERIALS AND FINISHES (PLATING THICKNESS IN MICRO-INCHES):
- ① SHELL : COPPER ALLOY, NICKEL 50 MIN. THICK OVERALL, SOLDERING AREA GOLD 2 MIN. THICK
 - ② PIN 1 : STAINLESS STEEL, NICKEL 50 MIN. THICK OVERALL, SOLDERING AREA GOLD 2 MIN. THICK, CONTACT AREA GOLD 5 MIN. THICK
 - ③ PIN 2 : STAINLESS STEEL, NICKEL 50 MIN. THICK OVERALL, SOLDERING AREA GOLD 2 MIN. THICK, CONTACT AREA GOLD 5 MIN. THICK
 - ④ TOP HOUSING : LCP UL94V-0, BLACK
 - ⑤ BOTTOM HOUSING : LCP UL94V-0, BLACK
2. ELECTRICAL:
- A. IMPEDANCE: 50 OHM
 - B. FREQUENCY RANGE: DC - 11 GHz
 - C. VSWR : 1.20 MAX. @ DC-3 GHz,
1.30 MAX. @ 3-6 GHz,
1.50 MAX. @ 6-11 GHz
 - D. DIELECTRIC WITHSTANDING VOLTAGE: 300V AC FOR 1 MINUTE
 - E. INITIAL CONTACT RESISTANCE: 70 mΩ MAX (WITHOUT CONDUCTOR RESISTANCE)
 - F. INSULATION RESISTANCE: 500 MEGOHMS MIN.
 - G. INSERTION LOSS: 0.10 dB MAX. @ DC-3 GHz
0.20 dB MAX. @ 3-6 GHz
0.50 dB MAX. @ 6-11 GHz
 - H. ISOLATION: 20 dB MIN. @ DC-3 GHz
15 dB MIN. @ 3-6 GHz
10 dB MIN. @ 6-11 GHz
 - I. VOLTAGE RATING: 60V AC MAX
 - J. POWER RATING: 2 W
3. MECHANICAL:
- A. TEMPERATURE RANGE: -40°C TO +85°C
 - B. DURABILITY: 100 CYCLES
4. PACKAGING:
- A. QUANTITY: TAPE AND REEL, 3000 PCS/REEL
 - B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 902-9235, AND DATE CODE"

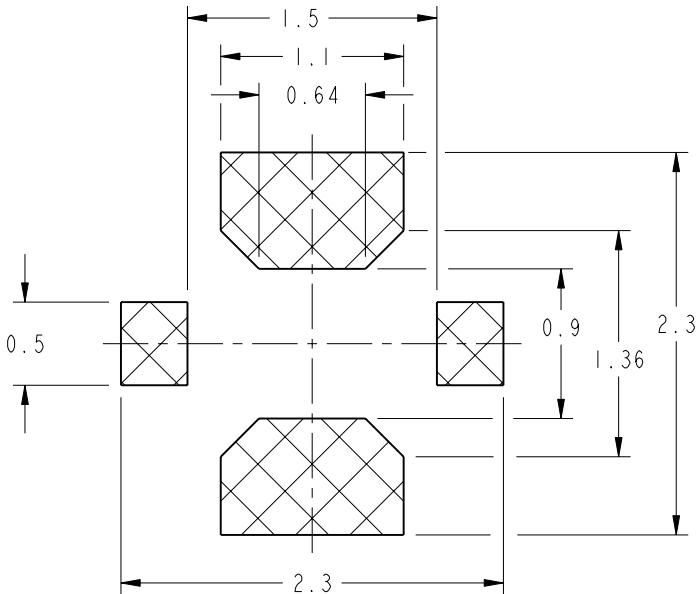
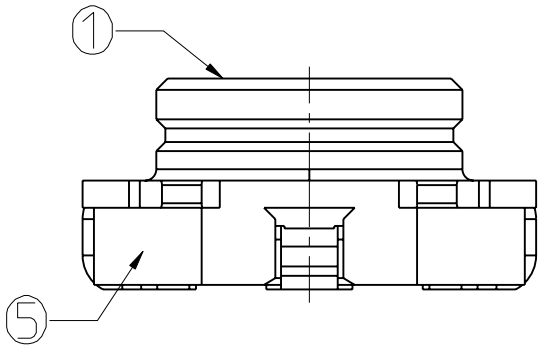
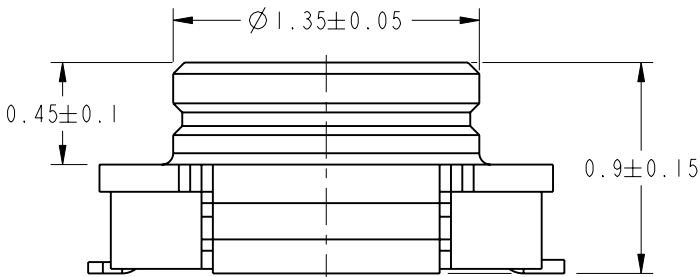
THIRD ANGLE PROJ. 

REVISIONS

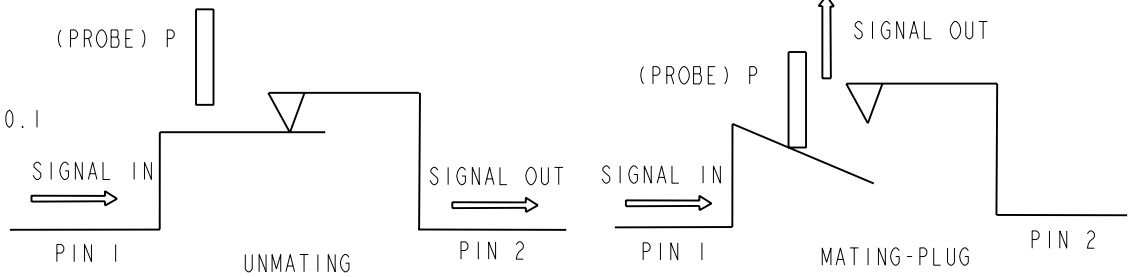
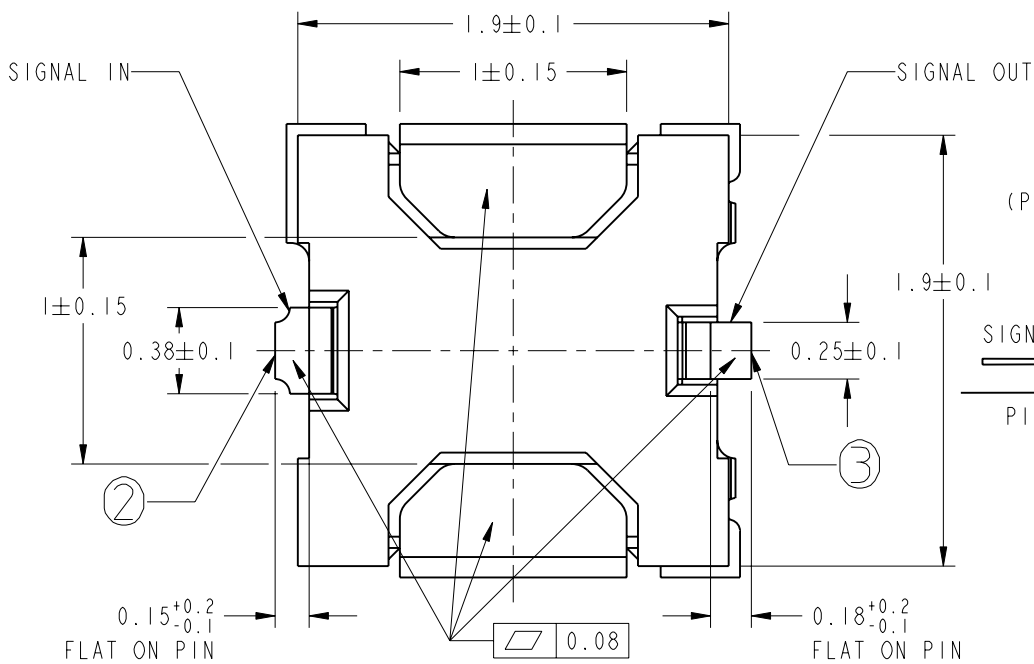
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	5/6/15	50282	EW
B	CORRECTED MATERIAL AND PLATING DETAILS VRD-DMI7021801T3	13-Mar-17	50604	TL



SCALE 15.000



RECOMMENDED PCB
LAYOUT DIMENSIONS



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

SEE NOTES

REFERENCE
EAR # 6126

CONFIGURATION LEVEL: In Work

FINISH

DRAWN
TOM

ENGINEER
E WANKOFF

APPROVED
S.H

CAD FILE

DATE
13-Mar-17

DATE
04-Mar-14

DATE
13-Mar-17

TITLE
RF SWITCH

SCALE: 30.0:1.0 SHEET 2 OF 2

DWG SIZE
B

REV
B

Amphenol RF

www.amphenolrf.com

DRAWING NO. 902-9235

ITEM NO. 902-9235

PART NO. 902-9235