

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

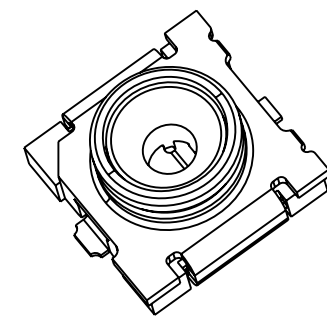
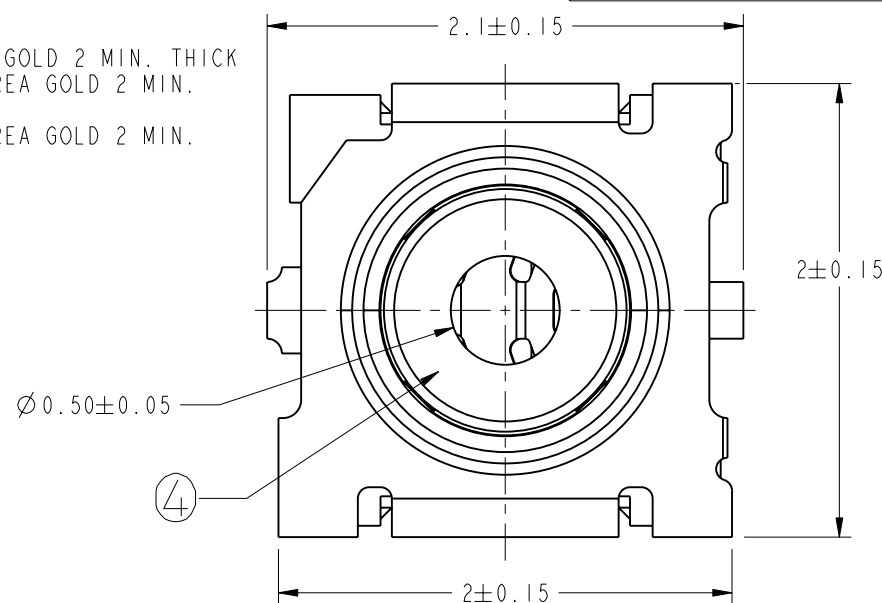
3. MECHANICAL:
  - A. TEMPERATURE RANGE: -40°C TO +85°C
  - B. DURABILITY: 100 CYCLES

4. PACKAGING:
  - A. QUANTITY: TAPE AND REEL, 3000 PCS/REEL
  - B. MARKING: BAG TO BE MARKED "AMPHENOL RF, 902-9235, AND DATE CODE"

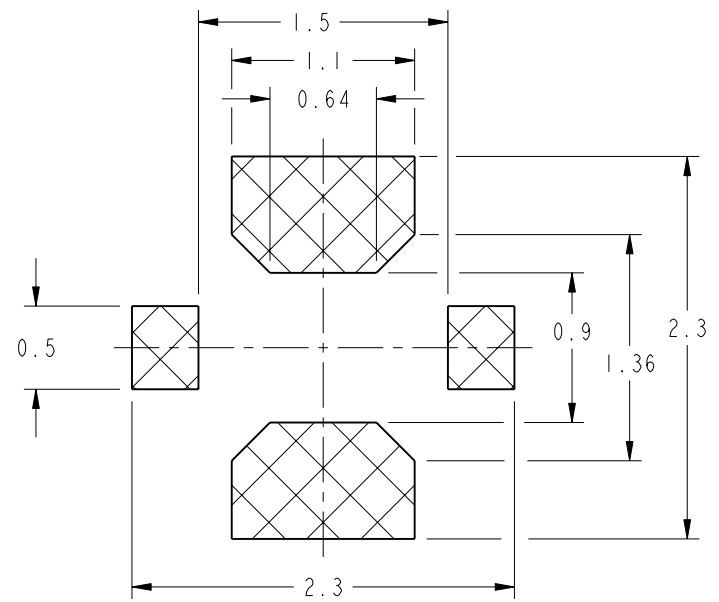
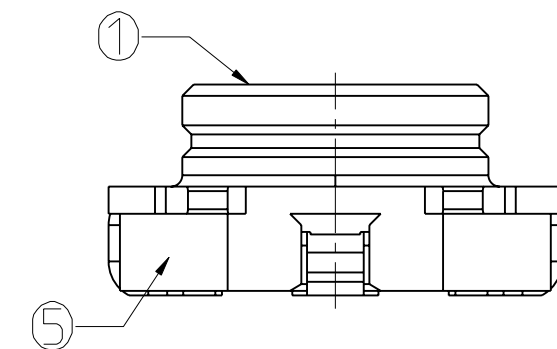
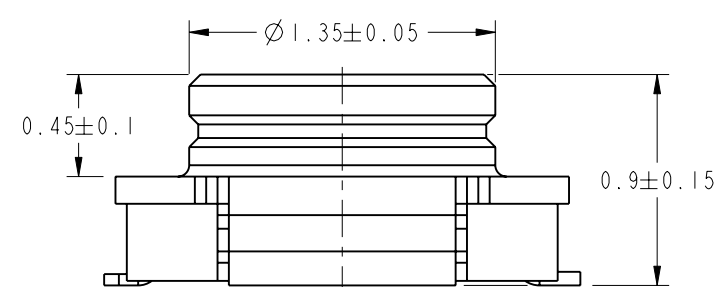
THIRD ANGLE PROJ.

REVISIONS

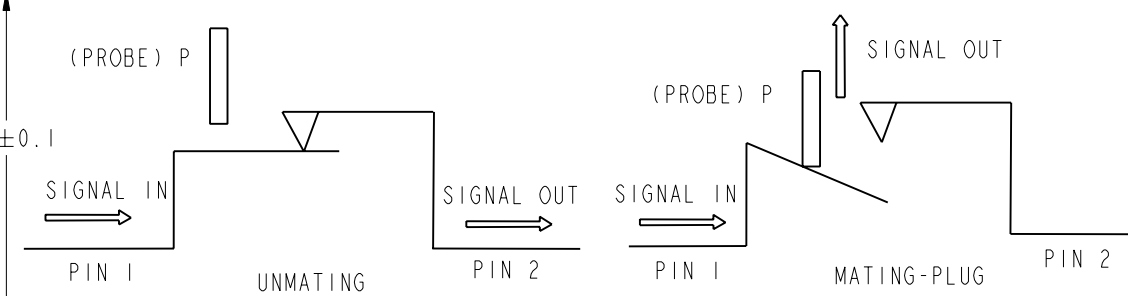
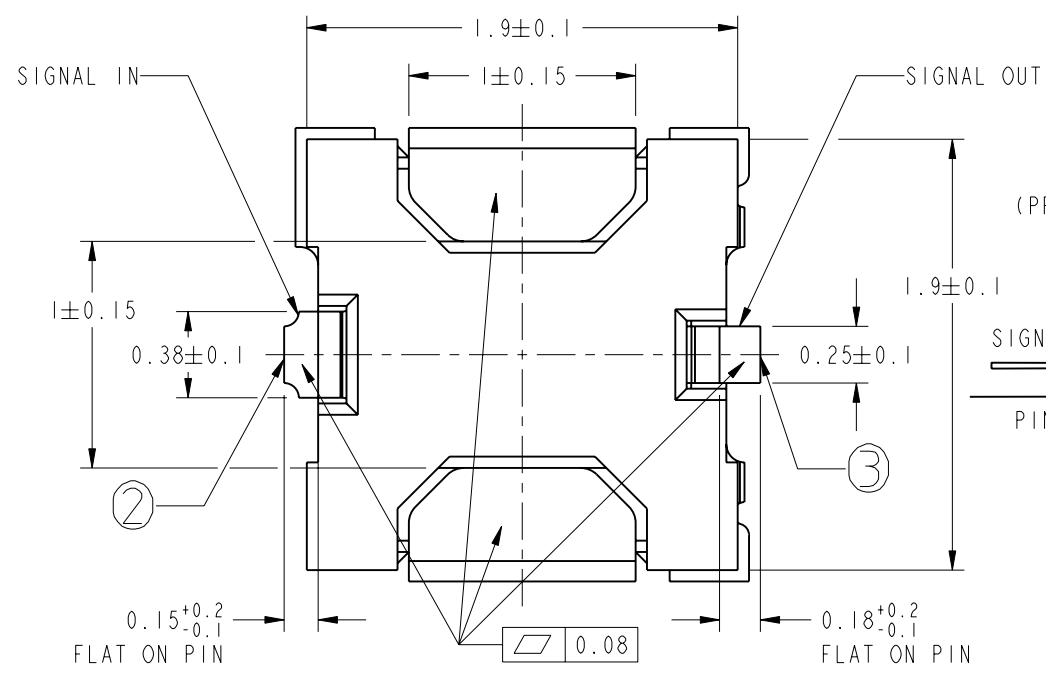
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	5/6/15	50282	EW
B	CORRECTED MATERIAL AND PLATING DETAILS \VRD-DM1702180IT3	13-Mar-17	50604	TL



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	DRAWN TOM	DATE 13-Mar-17	TITLE RF SWITCH		Amphenol RF www.amphenolrf.com	
REFERENCE EAR # 6126	ENGINEER E WANKOFF	DATE 04-Mar-14				
CONFIGURATION LEVEL: In Work	APPROVED S.H	DATE 13-Mar-17	SCALE: 30.0:1.0 SHEET 2 OF 2		DRAWING NO. 902-9235	
FINISH	CAD FILE		DWG SIZE B	REV B	ITEM NO. 902-9235	
					PART NO. 902-9235	