

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

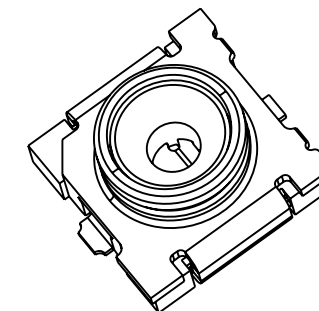
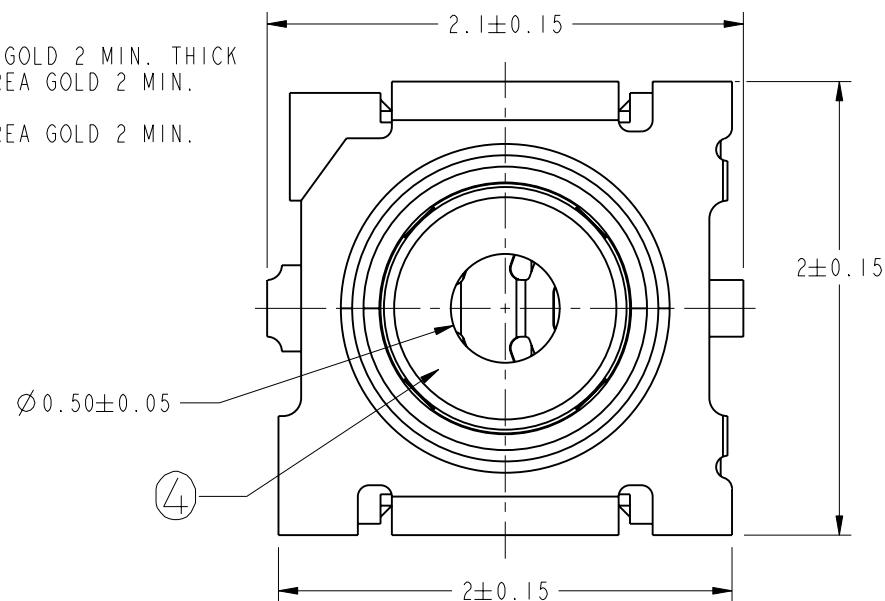
3. MECHANICAL:
 - A. TEMPERATURE RANGE: -40°C TO +85°C
 - B. DURABILITY: 100 CYCLES

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

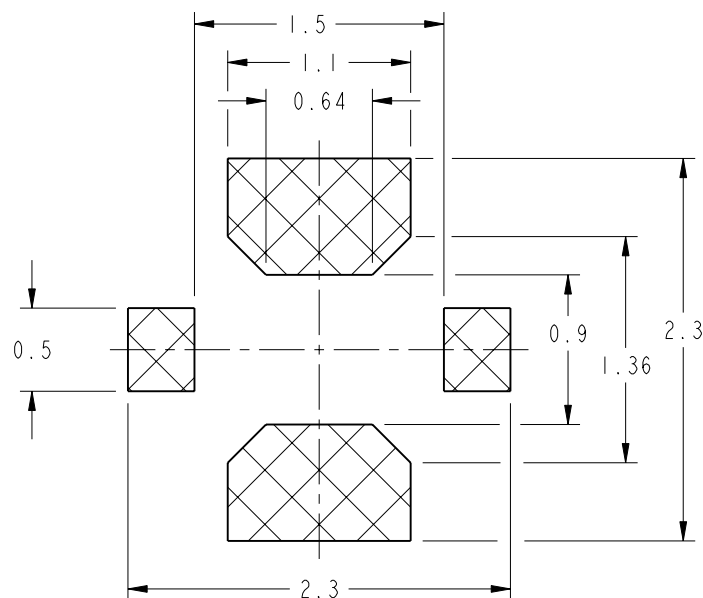
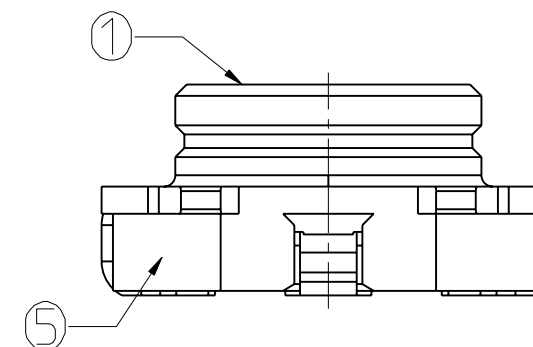
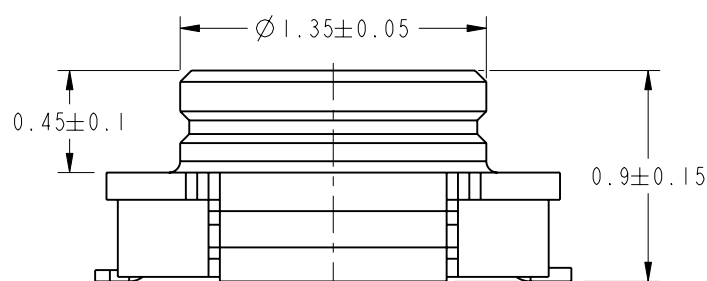
THIRD ANGLE PROJ.

REVISIONS

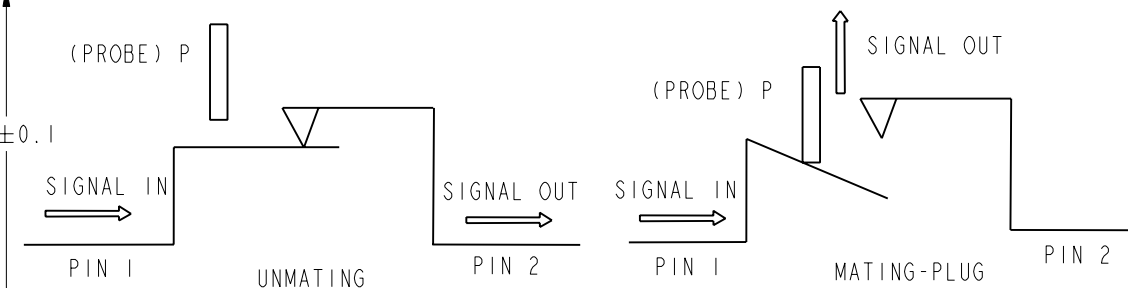
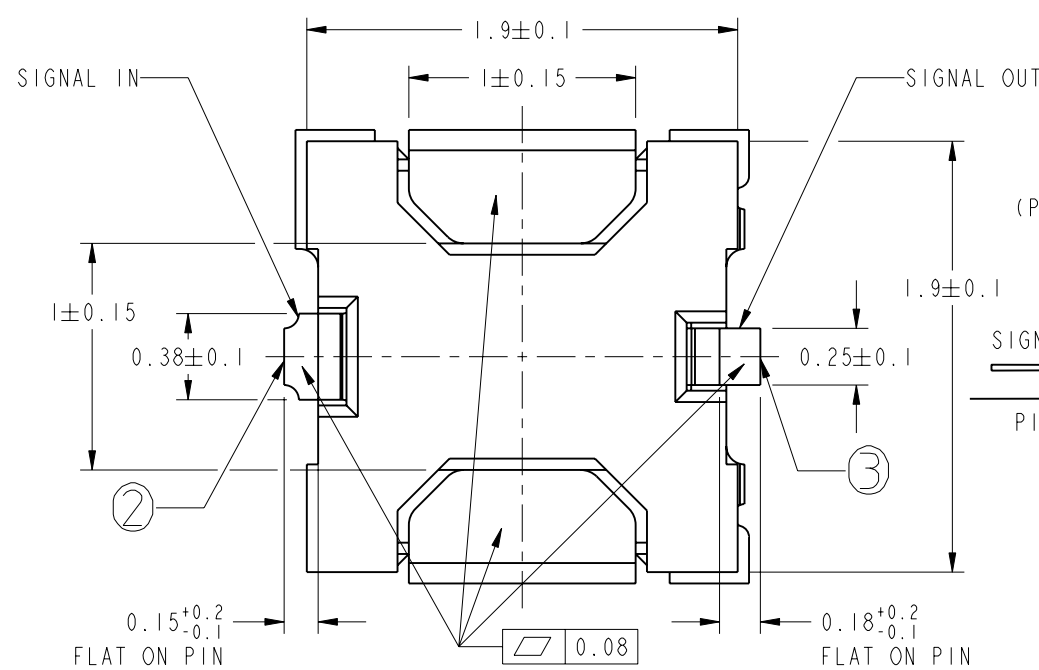
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	5/6/15	50282	EW
B	CORRECTED MATERIAL AND PLATING DETAILS \VRD-DMI702180IT3	13-Mar-17	50604	TL



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	SCALE: 30.0:1.0 SHEET 2 OF 2	
CONFIGURATION LEVEL: In Work	APPROVED S.H	DATE 13-Mar-17	DWG SIZE B	DRAWING NO. 902-9235
FINISH	CAD FILE		REV B	ITEM NO. 902-9235
				PART NO. 902-9235

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