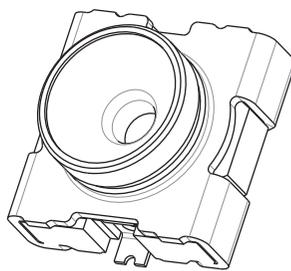
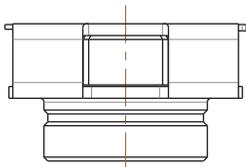


NOTES:

- 1. ELECTRICAL:
 - A. IMPEDENCE: 50Ω, NOMINAL
 - B. FREQUENCY RANGE: DC-11 GHz
 - C. VSWR: 1.2 MAX. @ DC-3 GHz, 1.3 MAX. @ 3-6 GHz, 1.5 MAX. @ 6-11 GHz
 - D. INITIAL CONTACT RESISTANCE: 120 mΩ MAX (WITHOUT CONDUCTOR RESISTANCE)
 - E. DIELECTRIC WITHSTANDING VOLTAGE: 300V AC FOR 1 MINUTE.
 - F. INSULATION RESISTANCE: 500 MEGOHMS MIN.
 - G. INSERTION LOSS: 0.1dB MAX. @ DC-3 GHz
0.2dB MAX. @ 3-6 GHz
0.6dB MAX. @ 6-11 GHz
 - H. ISOLATION: 20dB MIN. @ DC-3 GHz
15dB MIN. @ 3-6 GHz
10dB MIN. @ 6-11 GHz
 - J. POWER: 2W MAX.

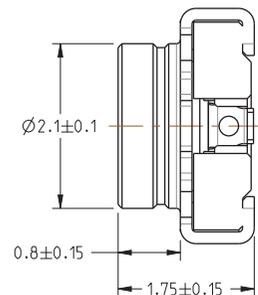
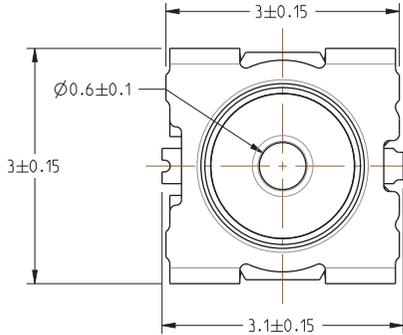


SCALE 15.000

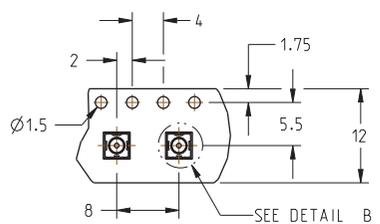
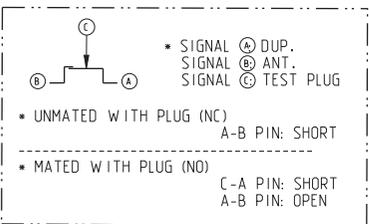
- 2. PHYSICAL:
 - A. TEMPERATURE RANGE: -40°C TO +85°C
 - B. DURABILITY: 500 CYCLES
 - C. SUITABLE FOR LEAD-FREE SOLDER REFLOW PROCESS PER AMPHENOL SPEC. 349-50712

- 3. MATERIALS AND FINISHES (PLATING THICKNESS IN MICRO-INCHES):
 - SHELL - COPPER ALLOY, 50u" MIN. NICKEL OVERALL. SOLDERING AREA Au 1u" MIN.
 - A-PIN(MOVING) - STAINLESS STEEL, 50u" MIN. NICKEL OVERALL. CONTACT AREA AU 5u" MIN. SOLDERING AREA AU 1u" MIN.
 - B-PIN(FIXED) - STAINLESS STEEL, 50u" MIN. NICKEL OVERALL. CONTACT AREA AU 5u" MIN. SOLDERING AREA AU 1u" MIN.
 - HOUSING - LCP, UL 94V-0, BLACK

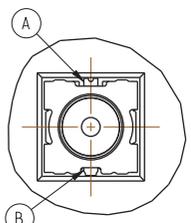
- 4. PACKAGING:
 - A. TAPE AND REEL PACKAGING.
 - B. QTY : 4000 PCS/REEL(Ø330 MM)
 - C. LEAVE 20 EMPTY POCKETS IN THE BEGINNING AND END OF EACH REEL.



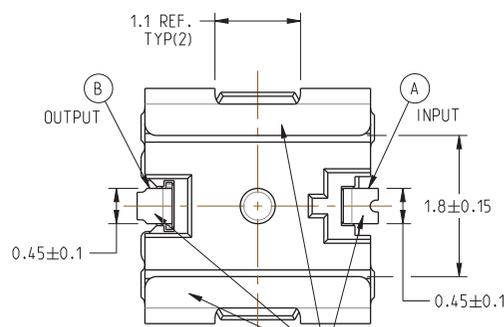
- NOTE:
 - 1. COPLANARITY: MAX. 0.1
 - 2. OTHERWISE TOLERANCE: ±0.15
 - 3. RF SWITCH CIRCUIT DIAGRAM:



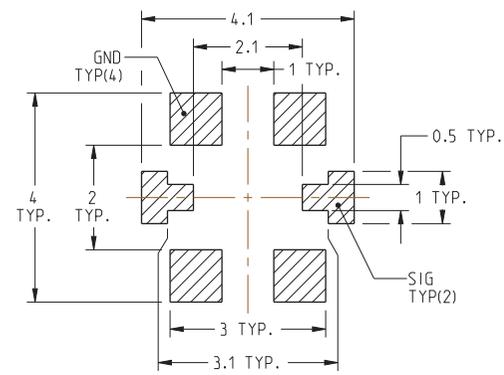
SCALE 1.500 EMBOSSED CARRIER TAPE DIMENSIONS



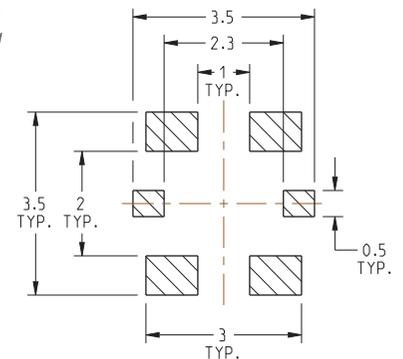
DETAIL B SCALE 6.000



RECOMMENDED SOLDER MASK PATTERN (MASK THICKNESS 0.10mm)



RECOMMENDED PCB LAYOUT GENERAL TOLERANCE: ±0.05



RECOMMENDED SOLDER MASK PATTERN (MASK THICKNESS 0.12mm)

CUSTOMER OUTLINE DRAWING ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

NOTICE: These drawings, specifications, or other data (1) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:
 <0.5mm = ±0.05mm [$<0.020 = \pm 0.002$]
 >0.5 - 6mm = ±0.1mm [$>0.020 - 0.236 = \pm 0.004$]
 >6.00 - 30mm = ±0.2mm [$>0.236 - 1.181 = \pm 0.008$]
 >30.00 - 120mm = ±0.3mm [$>1.181 - 4.725 = \pm 0.012$]

MATERIAL: ENGR.1 Charlie.Zhao ENGR.2 PRAVEEN N.B DATE 08-Jul-25

TITLE: RF SWITCH ASSEMBLY SHEET NO. 2 OF 2 SCALE: 15.0:1.0

Amphenol RF			SIZE	B	DRAWING NO.	902-9040	REV	G
			ITEM NO.		902-9040			
			PART NO.		902-9040			



THIRD ANGLE PROJ. REFERENCE EAR # 2750

ANGLES = ±P