

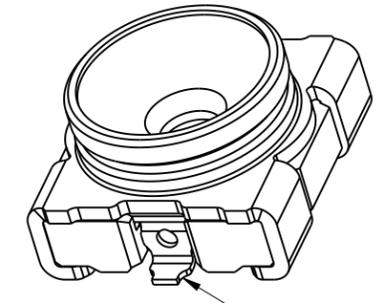
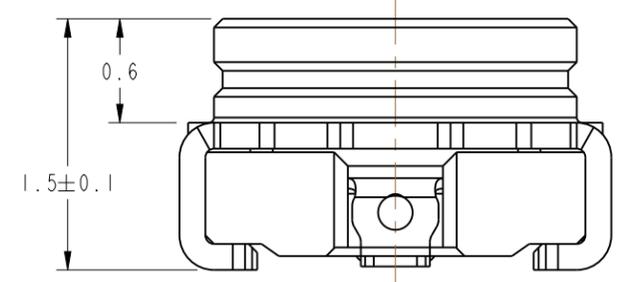
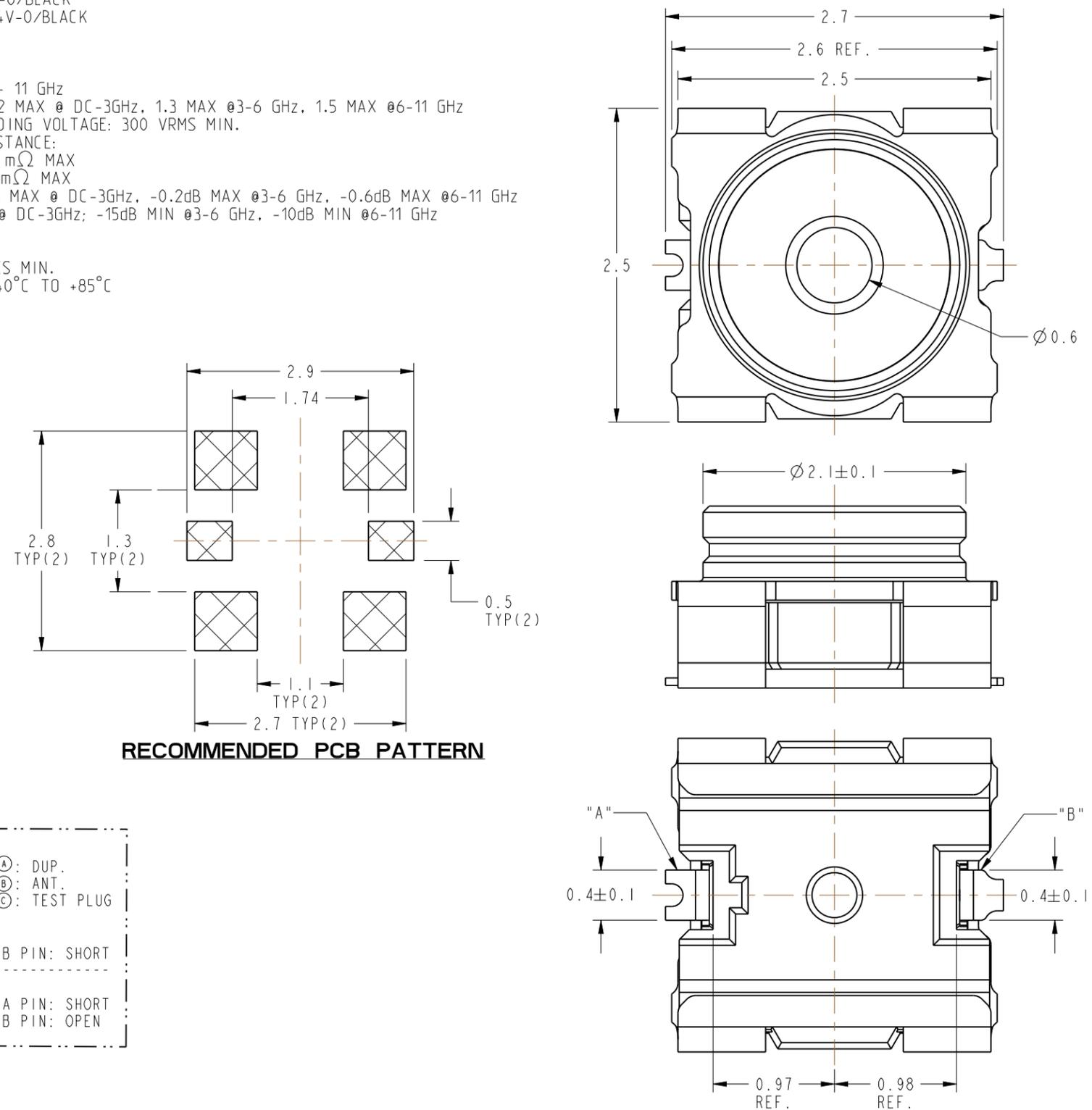
NOTES:
 1. MATERIALS AND FINISHES (PLATING THICKNESS IN MICRO-INCHES):
 SHELL - COPPER ALLOY. 50 μ " MIN. NICKEL OVERALL. SOLDER AREA GOLD 1 μ " MIN.
 A-PIN(INPUT) - STAINLESS STEEL. 50 μ " MIN. NICKEL OVERALL. CONTACT AREA GOLD 5 μ " MIN. SOLDER AREA GOLD 1 μ " MIN.
 B-PIN(OUTPUT) - STAINLESS STEEL. 50 μ " MIN. NICKEL OVERALL. CONTACT AREA GOLD 5 μ " MIN. SOLDER AREA GOLD 1 μ " MIN.
 TOP HOUSING - LCP UL94V-0/BLACK
 DOWN HOUSING - LCP UL94V-0/BLACK

2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 11 GHz
 C. VSWR(RETURN LOSS): 1.2 MAX @ DC-3GHz, 1.3 MAX @3-6 GHz, 1.5 MAX @6-11 GHz
 D. DIELECTRIC WITHSTANDING VOLTAGE: 300 VRMS MIN.
 E. INITIAL CONTACT RESISTANCE:
 INNER CONTACT: 120 m Ω MAX
 OUTER CONTACT: 20 m Ω MAX
 F. INSERTION LOSS: -0.1dB MAX @ DC-3GHz, -0.2dB MAX @3-6 GHz, -0.6dB MAX @6-11 GHz
 G. ISOLATION: -20dB MIN @ DC-3GHz; -15dB MIN @3-6 GHz, -10dB MIN @6-11 GHz

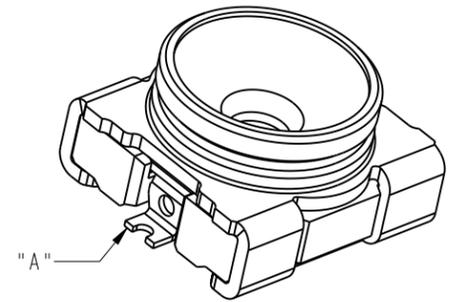
3. MECHANICAL:
 A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -40°C TO +85°C

4. PACKAGING:
 A. 4000 PER TAPE & REEL

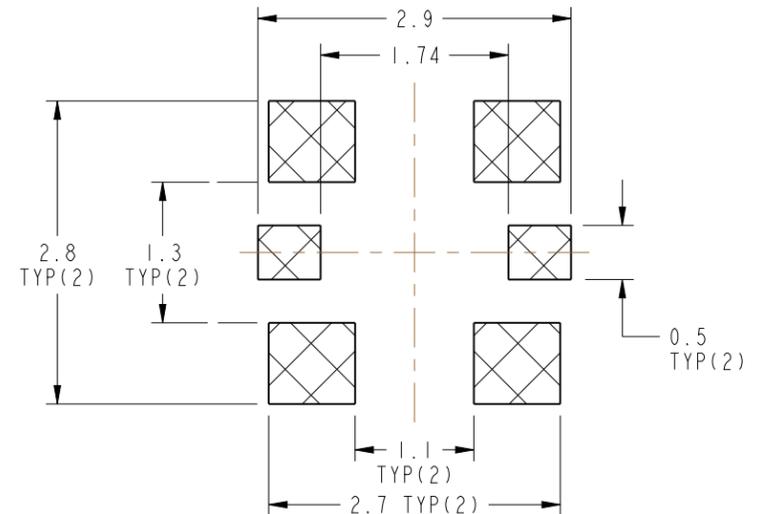
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	06-JAN-25	17275	KHL
B	TAPE PER REEL QTY WAS 1000	01-MAR-25	17363	KHL



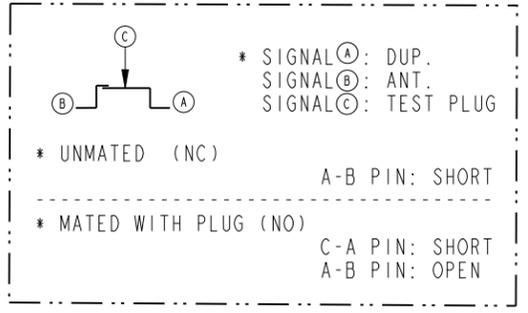
SCALE 15.000 "B"



SCALE 15.000 "A"



RECOMMENDED PCB PATTERN



* SIGNAL (A): DUP.
 SIGNAL (B): ANT.
 SIGNAL (C): TEST PLUG
 * UNMATED (NC)
 A-B PIN: SHORT
 * MATED WITH PLUG (NO)
 C-A PIN: SHORT
 A-B PIN: OPEN

CUSTOMER OUTLINE DRAWING
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

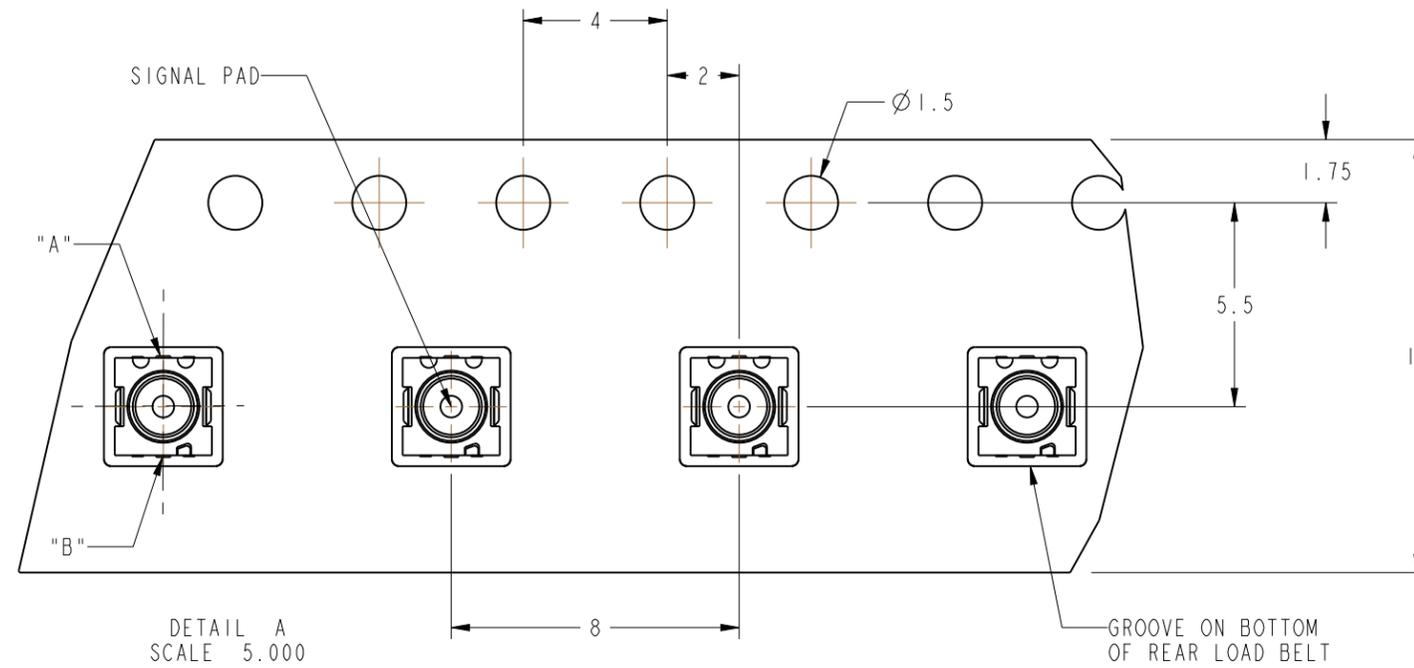
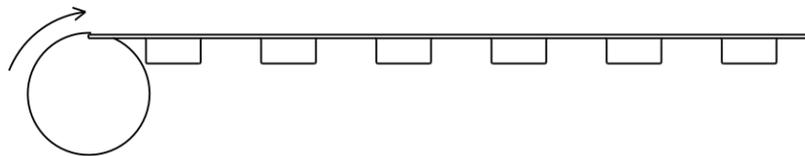
NOTICE: These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone 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 = ± 0.05 mm [$\pm 0.020 = \pm 0.002$] 0.5 - 6mm = ± 0.1 mm [$\pm 0.020 - 0.236 = \pm 0.004$] >6.00 - 30mm = ± 0.2 mm [$\pm 0.236 - 1.181 = \pm 0.008$] >30.00 - 120mm = ± 0.3 mm [$\pm 1.181 - 4.725 = \pm 0.012$]			MATERIAL		TITLE		Amphenol RF	
THIRD ANGLE PROJ.			ANGLES = $\pm 1^\circ$			ENGR.1 K. LUK		RF SWITCH ASSEMBLY		DRAWING NO. 902-9489	
REFERENCE ECT 818024668			EAR# EAR #			ENGR.2		DATE 12-APR-24		ITEM NO. 902-9489	
						DATE 12-APR-24		SHEET NO. 2 OF 3		PART NO. 902-9489	
						SCALE: 24.0:1.0				REV B	

NOTES:

- 1. TAPE AND REEL QTY: 4000
- 2. MATERIALS
TAPE: PET
REEL: PT

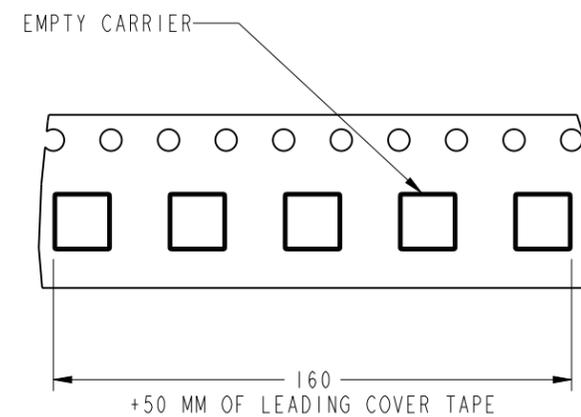
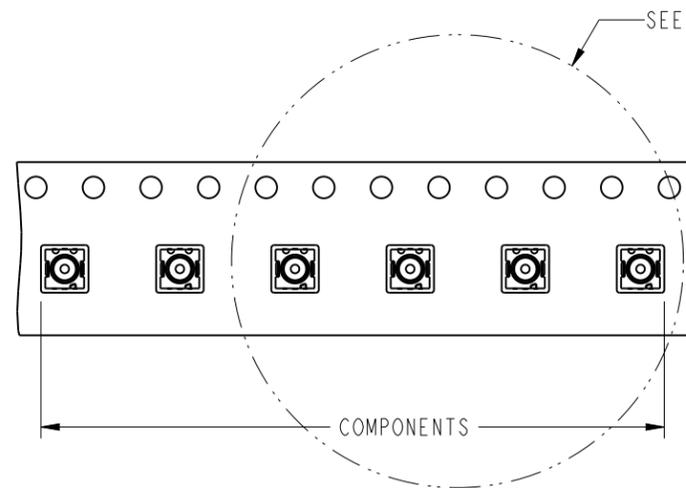
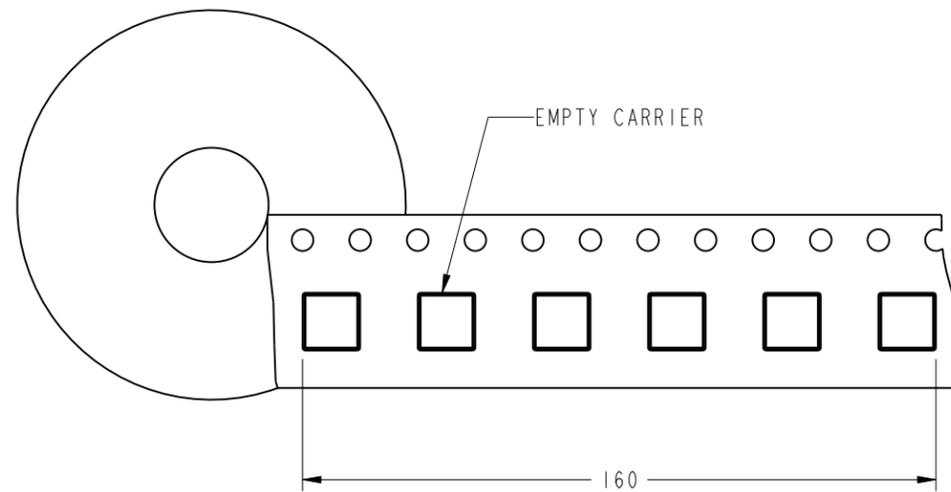
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	06-JAN-25	17275	KHL
B	REEL QTY WAS 1000, GROOVE TO LOAD BELT ADDED	01-MAR-25	17363	KHL

UNREELING DIRECTION



DETAIL A
SCALE 5.000

EMBOSSED CARRIER TAPE DIMENSIONS



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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 [$>1.181 - 4.725 = \pm 0.012$]
 ANGLES = ±1°

MATERIAL
ENGR.1 K. LUK ENGR.2 DATE 12-APR-24

TITLE
RF SWITCH ASSEMBLY
SHEET NO. 3 OF 3 SCALE: 2.0:1.0

Amphenol RF
 DRAWING NO. 902-9489
 ITEM NO. 902-9489
 PART NO. 902-9489
 REV B

THIRD ANGLE PROJ.

REFERENCE
ECT 818024668

EAR#
EAR #