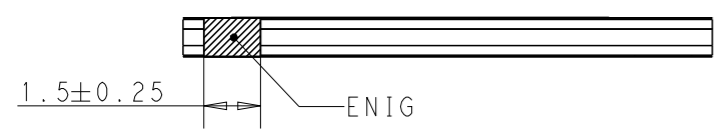
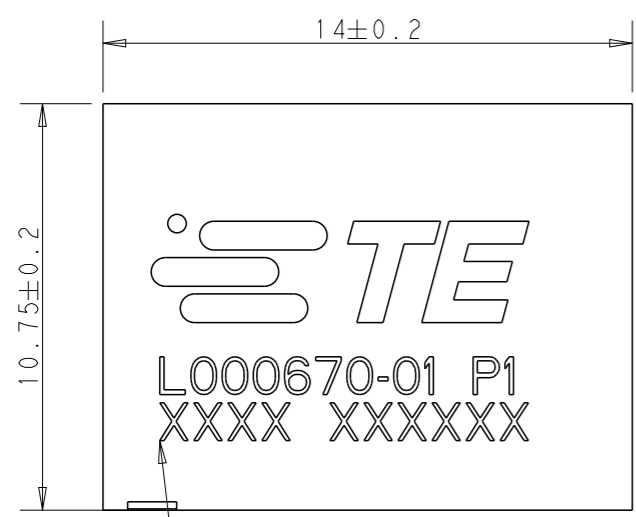
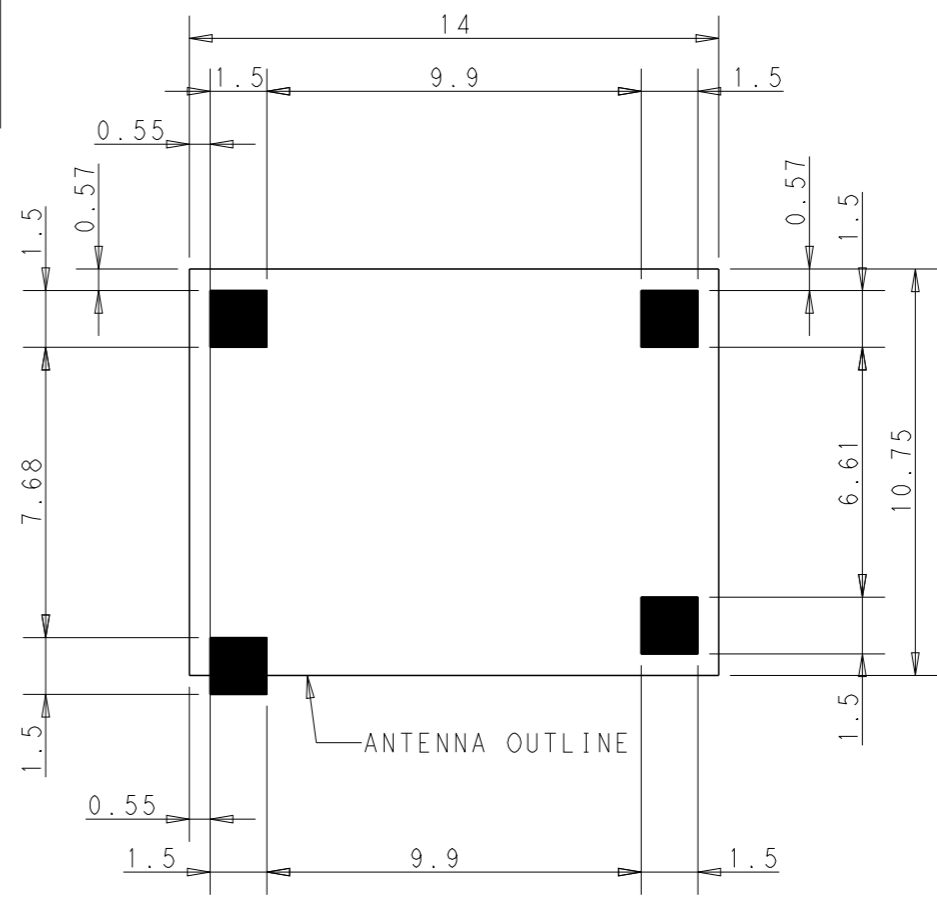


P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REVISED PER ECN-23-239990	17NOV2023	DW	JH
	A1	REVISED PER ECN-23-268042	30MAY2024	DW	JH



AS SHOWN L000670-01



[FOR REFERENCE]
RECOMMENDED BACK SIDE LAYOUT

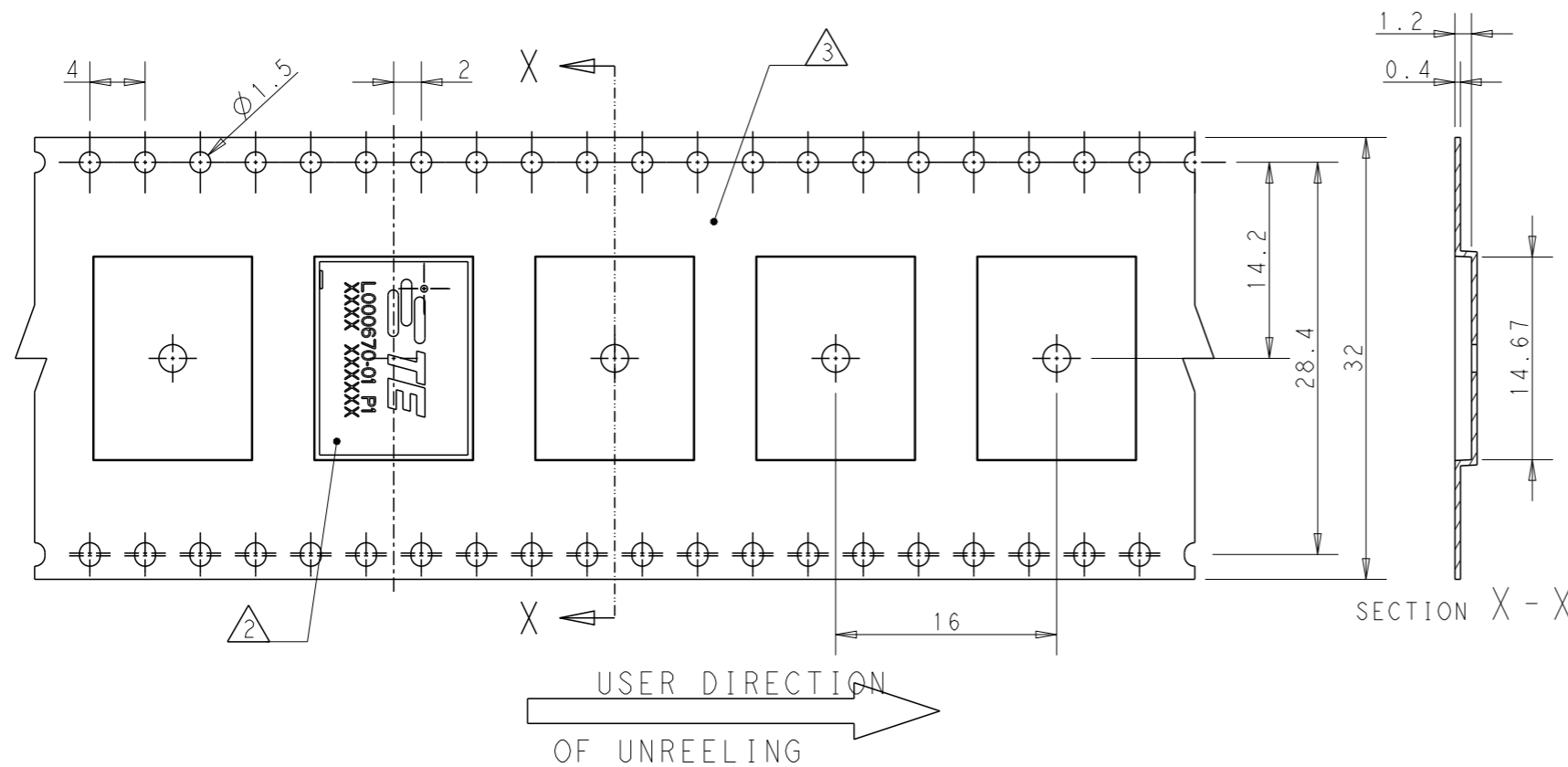
NOTES: UNLESS OTHERWISE SPECIFIED.

- FABRICATE TO MEET IPC - 6012, CLASS 2. INSPECT TO MEET IPC - A - 600, CLASS 2.
- MATERIAL: FR-4 PCB , THK 1.00
- FINISH:
A: PLATING : 1 OZ COPPER (FOR THROUGH HOLE)
B: SOLDERMASK OVER BASE COPPER (SMOBG)
C: SOLDERMASK COLOR : BLACK
D: (ENIG) ELECTROLESS NICKEL IMMERSION GOLD FINISH 0.03um MIN. GOLD OVER 3um MIN NICKEL.
- SILKSCREEN; WHITE EPOXY INK
A. TE LOGO, TE P/N
B. WORD REV., FOLLOWED BY THE LATEST REVISION LETTER, AS SHOWN.
C. 4 DIGIT DATE CODE: FIRST 2 DIGITS FOR THE WEEK CODE AND THE 2ND TWO DIGITS FOR THE YEAR CODE.
OTHERS: SPECIFIC TE SOURCE CODE NUMBER DIGITS AS REQUIRED
- CONSULT TE CONNECTIVITY DATA SHEET : L000670.
- CONTACT TE CONNECTIVITY ENGINEERING PRIOR TO DESIGNING INTO AN APPLICATION.
- PACKAGING: TAPE AND REEL PACKAGED, SEE SHEET 2.

TAPE AND REELED	L000670-01
PACKAGING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	DW.PARK	25AUG2023	 TE Connectivity NAME L1/L5 MICRO SPLATCH GNSS CHIP ANTENNA	
DIMENSIONS: mm		CHK	SJ.NOH	25AUG2023		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	JH.KIM	25AUG2023		
0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±-		PRODUCT SPEC	108-61420			
MATERIAL SEE NOTE 2		FINISH	-		APPLICATION SPEC	-
-		FINISH	-		WEIGHT	-
-		FINISH	-		CUSTOMER DRAWING	-
-		FINISH	-		SIZE	A3
-		FINISH	-		CAGE CODE	00779
-		FINISH	-		DRAWING NO	CL000670
-		FINISH	-		RESTRICTED TO	-
-		FINISH	-		SCALE	5:1
-		FINISH	-		SHEET	1 OF 3
-		FINISH	-		REV	A1

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			



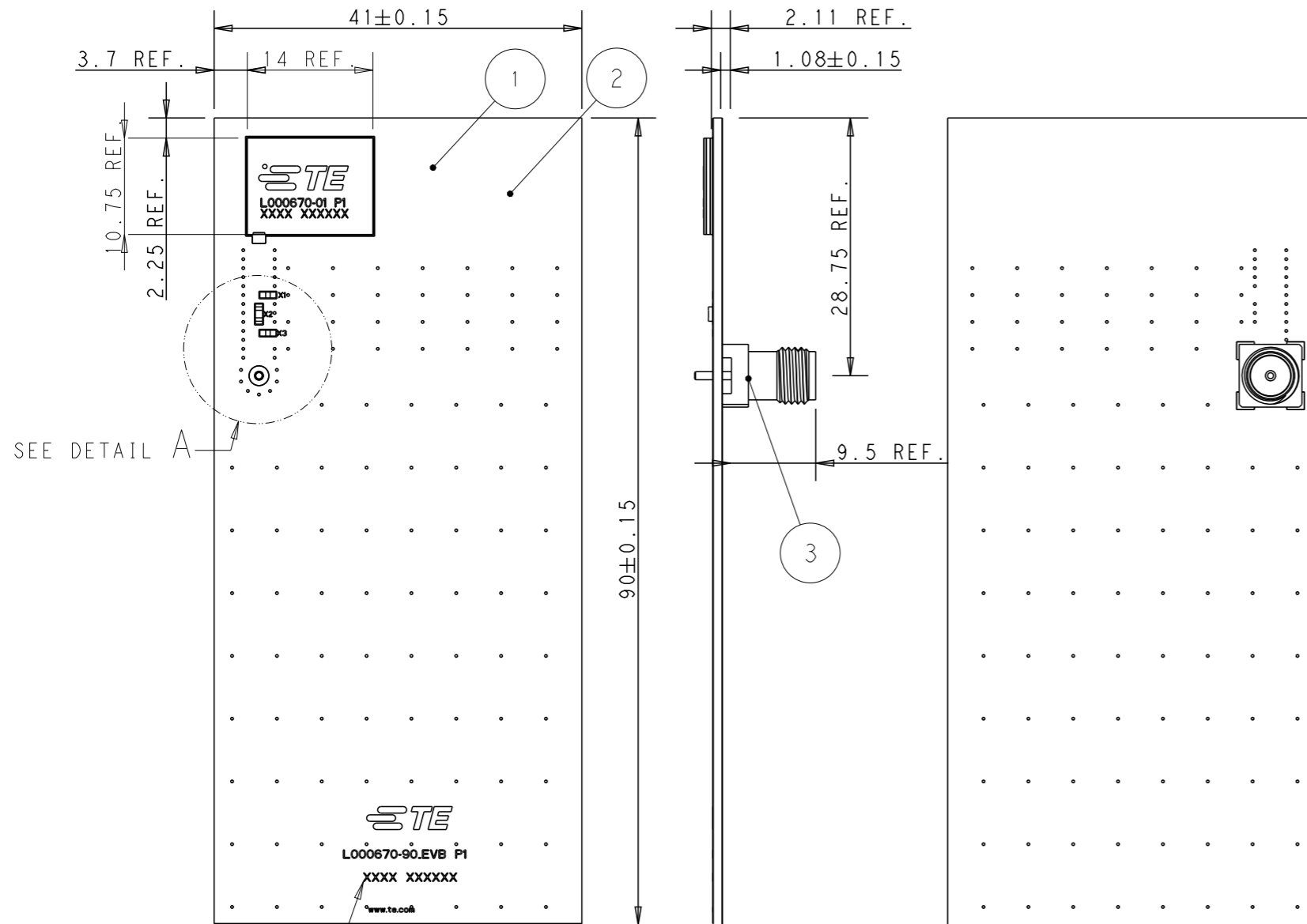
NOTES.

- 1. UNLESS OTHERWISE SPECIFIED TOLERANCE PER EIA-481-D
- 2. ORIENT PARTS AS SHOWN.
- 3. MATERIAL : P.S 0.4mm THICKNESS, COLOR : BLACK, CONDUCTIVE
WHEN ALTERNATIVE MATERIAL (PET, P.P) USE, CONSULT ECO PRIOR TO MANUFACTURER.

AS SHOWN L000670-01
ANTENNA WITH REEL PACKAGING
REFERENCE ONLY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DW.PARK	25AUG2023		
DIMENSIONS: mm		CHK S.J.NOH	25AUG2023		
		APVD JH.KIM	25AUG2023		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC			
0 PLC ±-		APPLICATION SPEC		NAME L1/L5 MICRO SPLATCH GNSS CHIP ANTENNA	
1 PLC ±-		-		-	
2 PLC ±-		-		SIZE	
3 PLC ±-		-		CAGE CODE	
4 PLC ±-		-		DRAWING NO	
ANGLES ±-		-		RESTRICTED TO	
FINISH		WEIGHT		-	
SEE NOTE 3		-		A300779	
-		-		C=L000670	
-		-		SCALE 5:1	
-		-		SHEET 2 OF 3	
-		-		REV A1	

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			



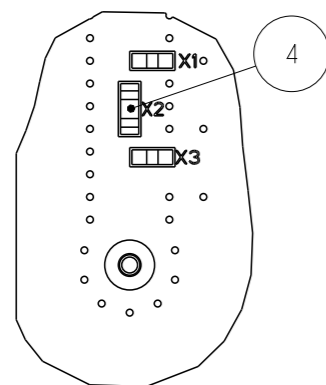
NOTES: UNLESS OTHERWISE SPECIFIED.

- FABRICATE TO MEET IPC - 6012, CLASS 2. INSPECT TO MEET IPC - A - 600, CLASS 2.
- MATERIAL: SEE TABLE
- FINISH: EVB ASSEMBLY WITH SOLDER PROCESS
- 4 SILKSCREEN; WHITE EPOXY INK

 - A. TE LOGO, TE P/N
 - B. WORD REV., FOLLOWED BY THE LATEST REVISION LETTER, AS SHOWN.
 - C. 4 DIGIT DATE CODE: FIRST 2 DIGITS FOR THE WEEK CODE AND THE 2ND TWO DIGITS FOR THE YEAR CODE.
 - OTHERS: SPECIFIC TE SOURCE CODE NUMBER DIGITS AS REQUIRED
- CONSULT TE CONNECTIVITY DATA SHEET L000670
- CONTACT TE CONNECTIVITY ENGINEERING PRIOR TO DESIGNING INTO AN APPLICATION.
- PACKAGING : SECURELY VACUUM PACKAGED IN BULK

SEE DETAIL A

AS SHOWN L000670-80 ANTENNA WITH EVB ASS'Y



DETAIL A
SCALE 3:1

I	RESISTOR (0ohm)	4
I	SMA PCB VERT JACK(FEMALE)	3
I	EVALUATION BOARD	2
I	PCB ANTENNA	1
QTY	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DW.PARK	25AUG2023	TE Connectivity NAME L1/L5 MICRO SPLATCH GNSS CHIP ANTENNA	
DIMENSIONS: mm		CHK SJ.NOH	25AUG2023		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD JH.KIM	25AUG2023		
0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±-		PRODUCT SPEC 108-61420			
MATERIAL SEE NOTE 2		FINISH		APPLICATION SPEC -	RESTRICTED TO -
		WEIGHT -		SIZE A3	CAGE CODE 00779
		CUSTOMER DRAWING		DRAWING NO C=L000670	
		SCALE 5:1		SHEET 3 OF 3	REV A1