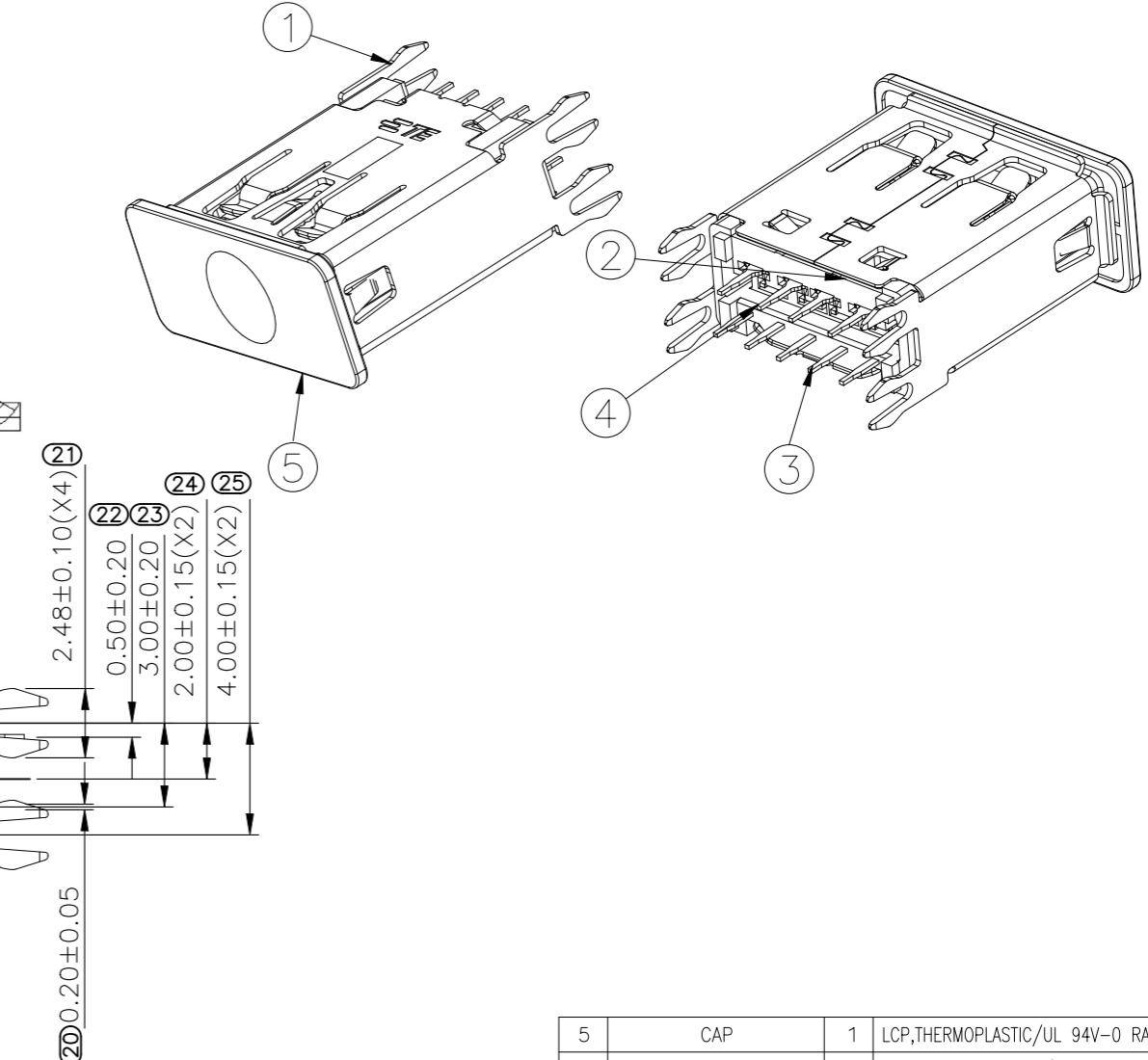
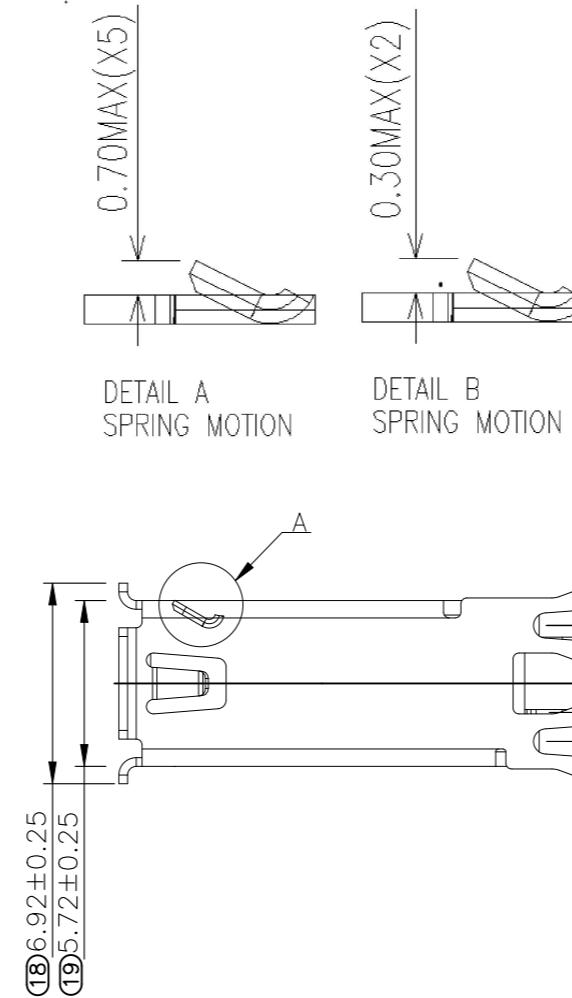
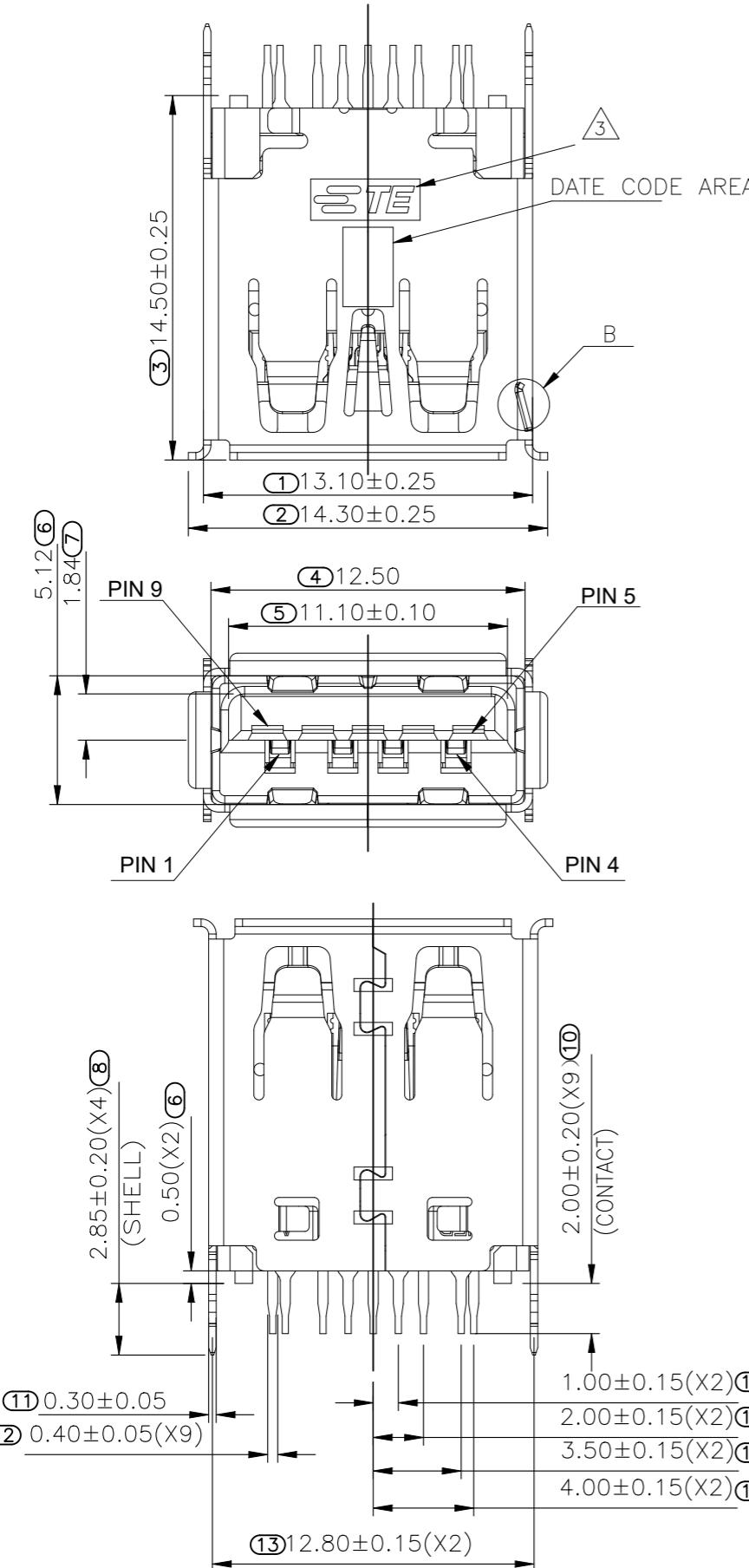


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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B3	Production release,ECN-23-223404	21-JUN-23	GVA	SD
	B2	PCB Layout update	14 July 23	GVA	SD



5	CAP	1	LCP, THERMOPLASTIC/UL 94V-0 RATED
4	SPRING CONTACT	4	COPPER ALLOY / Au PLATED
3	FLAT CONTACT	5	COPPER ALLOY / Au PLATED
2	HOUSING	1	PA9T, THERMOPLASTIC/UL 94V-0 RATED
1	SHELL	1	METAL / Ni PLATED
ITEM	NAME	Q'TY	MATERIAL / FINISH

S/N	TE PN	DESCRIPTION	HOUSING COLOR	SHIELD TYPE	CONTACT PLATING (Au)
1	2439034-1	USB 3.1 A TYPE REC.VT	BLACK	BENDING BOARD LOCK	GF
2	2439034-2	USB 3.1 A TYPE REC.VT	BLACK	BENDING BOARD LOCK	15u"
3	2439034-3	USB 3.1 A TYPE REC.VT	BLACK	BENDING BOARD LOCK	30u"

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	
	0 PLC	± 0.38
1 PLC	± 0.30	
2 PLC	± 0.20	
3 PLC	± 0.10	
4 PLC ANGLES	± -	± 3
MATERIAL	FINISH	
		WEIGHT 0
		A300779 C-2439034
		CUSTOMER DRAWING
		SCALE NTS
		1 OF 3 REV B3

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REVISIONS			
DESCRIPTION	DATE	DWN	APVD
	—	—	—

NOTES:

1. MATERIAL:
 - 1.1 HOUSING PA9T UL94 V-0 RATED; COLOR BLACK
 - 1.2 CAP: LCP UL94 V-0 RATED; COLOR BLACK
 - 1.3 CONTACT: BRASS&PHOS BRONZE
 - 1.4 SHELL: STAINLESS STEEL SHIELD TYPE BENDING BOARD LOCK

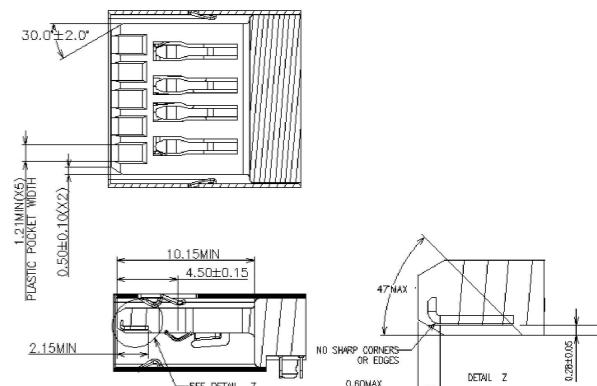
FINISH

- 2.1 CONTACT:
GOLD PLATING(SEE TABLE) ON CONTACT AREA.
2.54um [100u"] MIN. MATTE-TIN PLATING ON SOLDER TAIL AREA.
1.27um [50u"] MIN. NICKEL UNDERPLATING OVERALL.

2.2 SHELL: 1.27um [50u"] MIN. NICKEL PLATING.

3. RECOMMENDED P.C.B THICKNESS : 1.2

Universal Serial Usb3.1 Specification



NOTES:

- 1.0. ELECTRICAL CHARACTERISTIC:

1.1. LOW LEVEL CONTACT RESISTANCE: INITIAL: $30\text{ m}\Omega$ MAXIMUM
FOR POWER AND GROUND CONTACTS.
INITIAL: $50\text{ m}\Omega$ MAXIMUM
AFTER: $10\text{ m}\Omega$ MAXIMUM CHANGE.
FOR ALL OTHER CONTACTS.

1.2. DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC FOR ONE MINUTE AT SEA LEVEL.

1.3. INSULATION RESISTANCE: $100\text{ M}\Omega$ MINIMUM.

2.0. MECHANICAL CHARACTERISTIC:

2.1. INSERTION FORCE: 35N (3.57 Kg) MAXIMUM.

2.2. EXTRACTION FORCE: INITIAL: 10N (1.02Kg) MINIMUM.
AFTER: 8N (0.816Kg) MINIMUM

3 TE LOGO MUST BE CLEAR&LEGIBLE

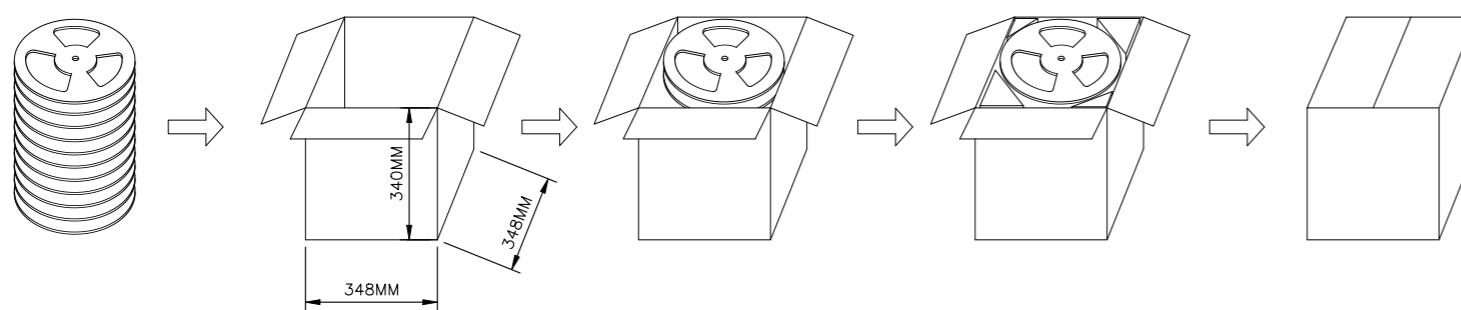
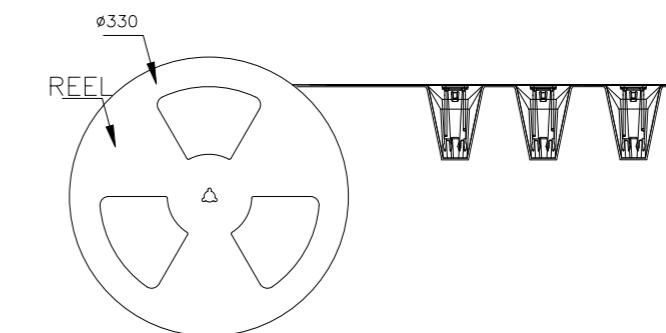
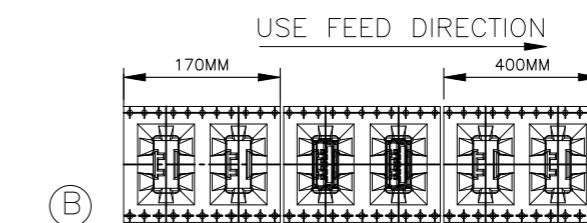
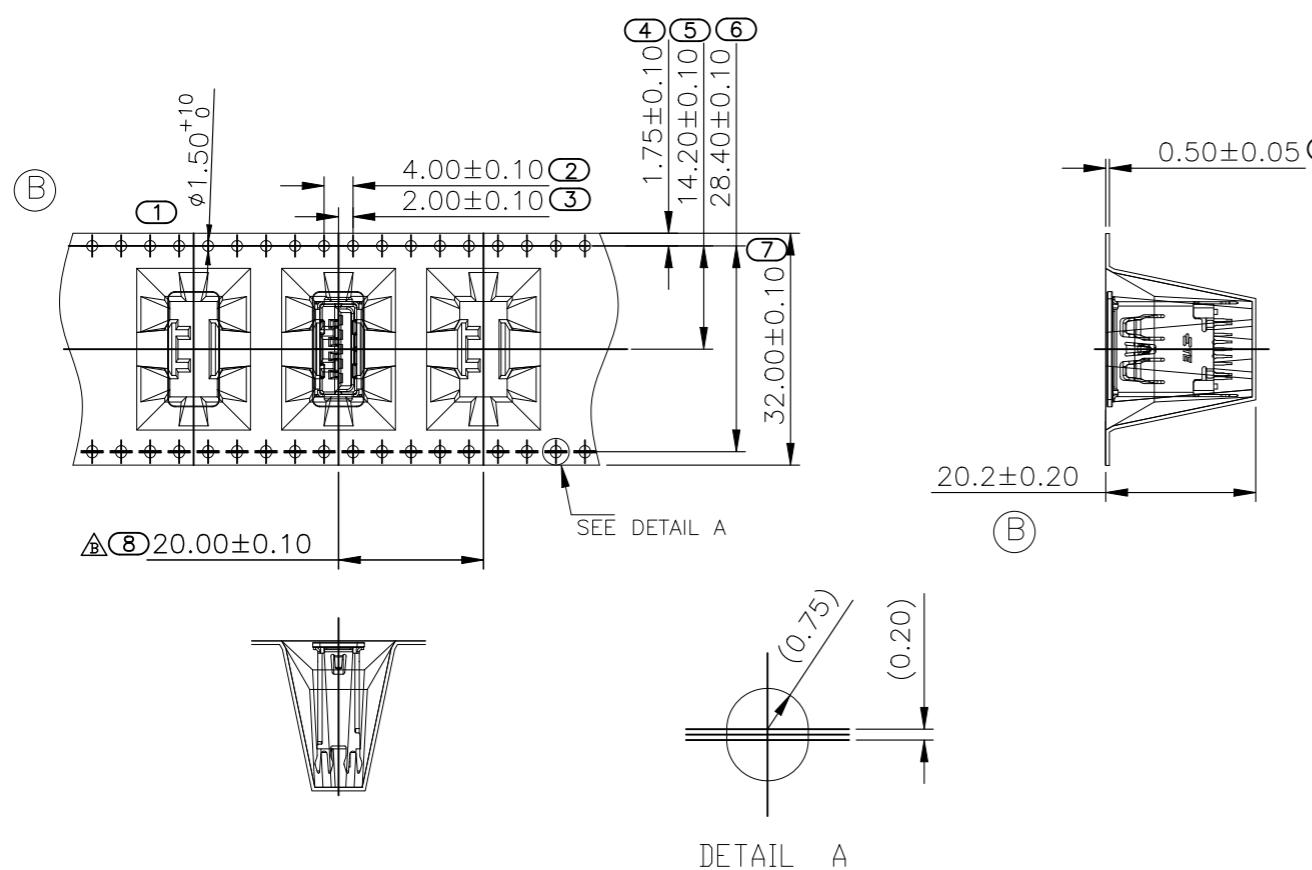
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GVA CHK DS	19MAY2023 18-May-2023	 TE Connectivity		
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD WH	19-May-2023			
	0 PLC	± 0.38	PRODUCT SPEC 108-160961 APPLICATION SPEC —	NAME Vertical USB 3.2 A (board lock type) — —		
	1 PLC	± 0.30				
	2 PLC	± 0.20				
	3 PLC	± 0.10				
	4 PLC ANGLES	± —				
MATERIAL —	FINISH —	WEIGHT 0	SIZE A3	CAGE CODE 00779	DRAWING NO C-2439034	RESTRICTED TO —
		CUSTOMER DRAWING				
			SCALE NTS	SHEET 2 OF 3	REV B3	

470-19 (1/15)

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



NOTES :

- PACKAGING MATERIAL IN PLASTIC, RUBBER, INK, PIGMENT AND PAINT MUST MEET CONTROLLED SUBSTANCES SPEC PER 230-702.
* CADMIUM AND CADMIUM COMPOUNDS NOT TO EXCEED:
5 PPM.
- LEAD, CADMIUM, CHROM VI AND MERCURY NOT TO EXCEED:
100 PPM (COMBINED).
- CARRIER TAPES, COVER TAPES, REELS AND TAPED COMPONENTS MUST MEET THE REQUIREMENTS DEFINED PER EIA-481-C.
- MATERIAL :
COVER TAPE : PET, COLOR: TRANSPARENT
CARRIER TAPE : SYNTHETIC MATERIALS, COLOR: BLACK
REEL :PS BLUE
SHIPPING BOX: CORRUGATED FIBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:		19MAY2023 GVA CHK DS	NAME
	0 PLC	± 0.38		
	1 PLC	± 0.30		Vertical USB 3.2 A (board lock type)
	2 PLC	± 0.20		—
	3 PLC	± 0.10		—
	4 PLC ANGLES	± —		—
		± 3		
MATERIAL	FINISH	—	APPLICATION SPEC 108-160961	SIZE CAGE CODE DRAWING NO A3 00779 C-2439034 RESTRICTED TO
			—	
	WEIGHT	0		
	CUSTOMER DRAWING		SCALE NTS	3 OF 3 REV B3