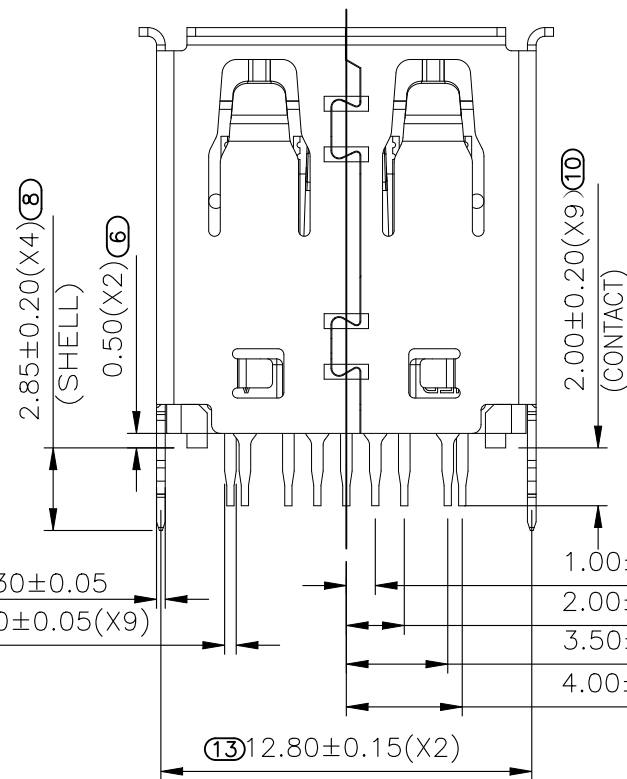
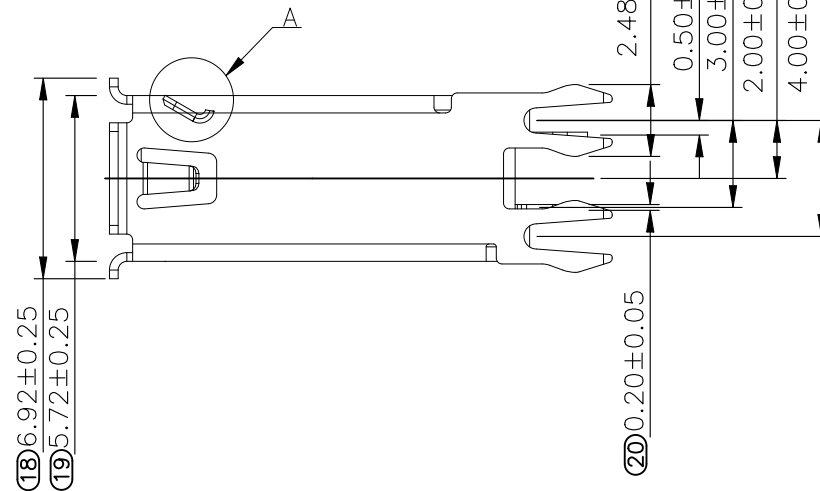
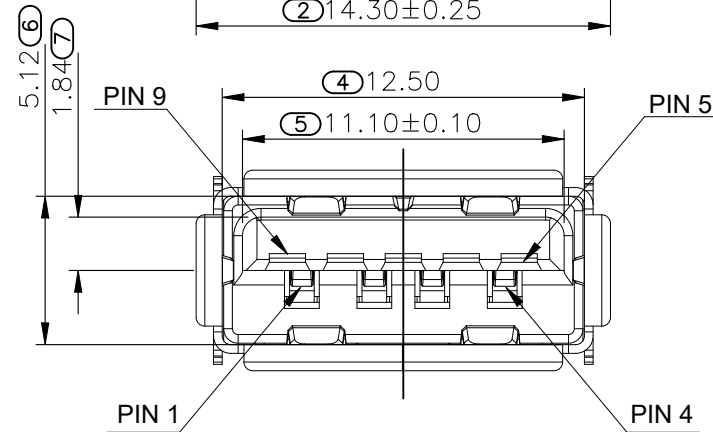
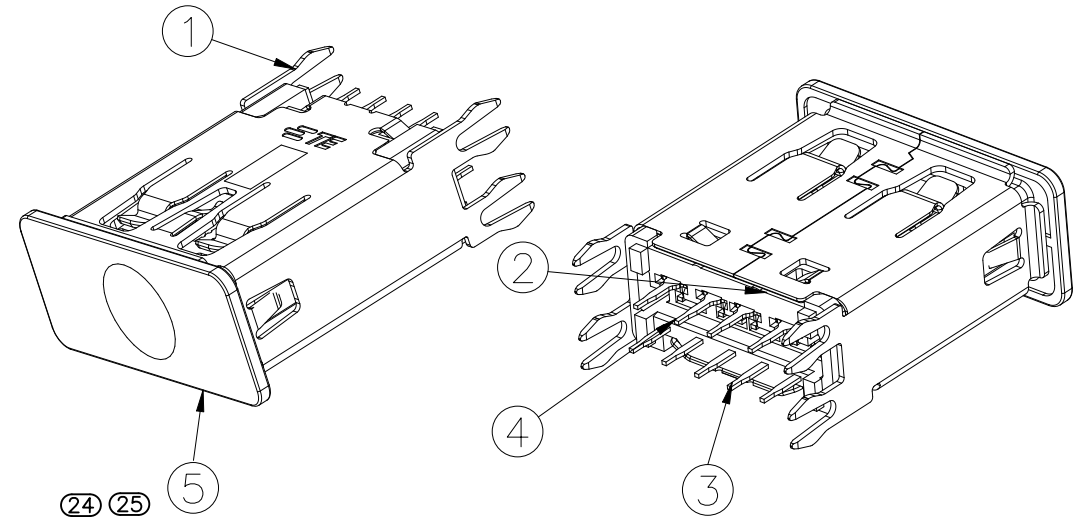
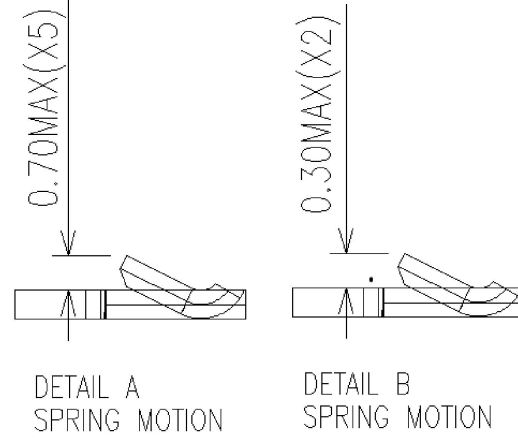
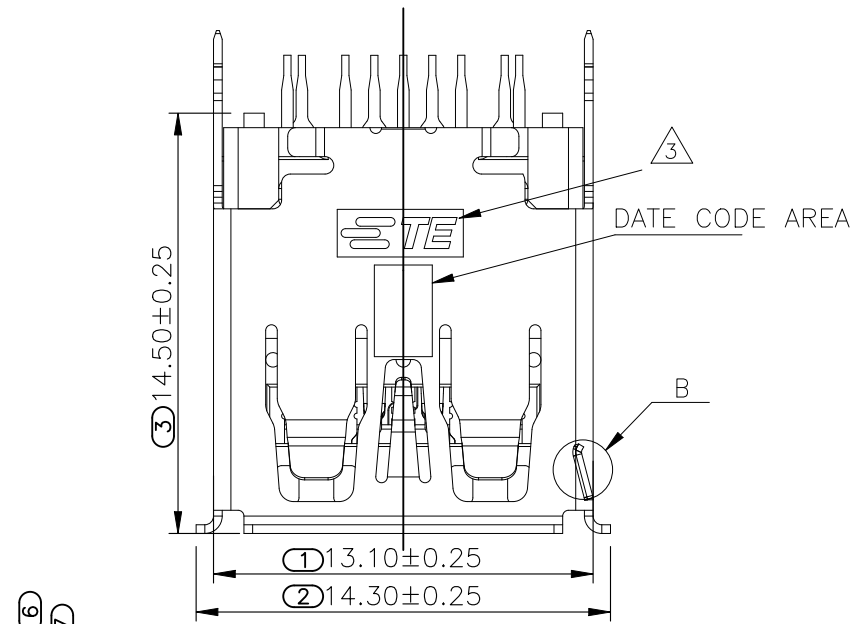


P	LTR	DESCRIPTION	DATE	DWN	APVD
	B3	Production release,ECN-23-223404	21-JUN-23	GVA	SD
	B2	PCB Layout update	14 july 23	GVA	SD



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:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
	0 PLC ± 0.38
	1 PLC ± 0.30
	2 PLC ± 0.20
	3 PLC ± 0.10
	4 PLC ± -
	ANGLES ± 3
MATERIAL	FINISH
-	-

DWN GVA 19MAY2023	TE Connectivity			
CHK DS 18-May-2023				
APVD WH 19-May-2023	NAME Vertical USB 3.2 A (board lock type)			
PRODUCT SPEC 108-160961				
APPLICATION SPEC				
WEIGHT 0	SIZE A3	CAGE CODE 00779	DRAWING NO C-2439034	RESTRICTED TO
CUSTOMER DRAWING	SCALE NTS	SHEET 1 of 3	REV B3	

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

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

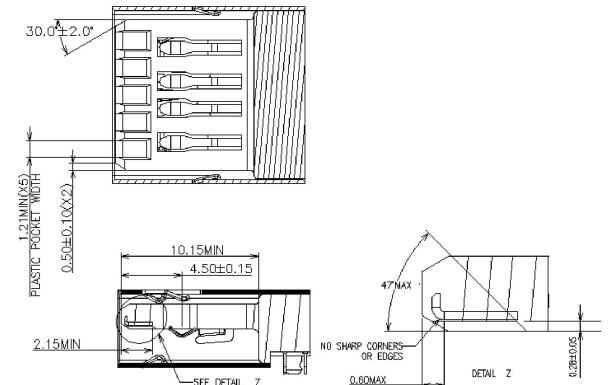
2.1 CONTACT:

- GOLD PLATING(SEE TABLE) ON CONTACT AREA.
2.54um [100u"] MIN. MATTE-TIN PALTING 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 mΩ MAXIMUM FOR POWER AND GROUND CONTACTS.
INITIAL: 50 mΩ MAXIMUM FOR ALL OTHER CONTACTS.
AFTER: 10 mΩ MAXIMUM CHANGE.


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

1.3. INSULATION RESISTANCE: 100 MΩ MINIMUM.

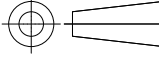
2.0. MECHANICAL CHARACTERISTIC:

- 2.1. INSERTION FORCE: 35N (3.57 Kg) MAXIMUM.
2.2. EXTRACTION FORCE: INITIAL:10N (1.02Kg)MINIMUM.
AFTER:8N (0.816Kg)MINIMUM.

△ TE LOGO MUST BE CLEAR&LEGIBLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GVA 19MAY2023	 TE Connectivity		
		CHK DS 18-May-2023			
		APVD WH 19-May-2023	NAME		
		PRODUCT SPEC 108-160961	Vertical USB 3.2 A (board lock type)		
		APPLICATION SPEC	-		
		WEIGHT 0	SIZE A3	CAGE CODE 00779	DRAWING NO C-2439034
		CUSTOMER DRAWING	SCALE NTS	SHEET 2 of 3	REV B3

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
	0 PLC ± 0.38 1 PLC ± 0.30 2 PLC ± 0.20 3 PLC ± 0.10 4 PLC ± - ANGLES ± 3

MATERIAL	FINISH
-	-

DWN
GVA
19MAY2023

CHK
DS
18-May-2023

APVD
WH
19-May-2023

PRODUCT SPEC

108-160961

APPLICATION SPEC

WEIGHT

0

CUSTOMER DRAWING

TE Connectivity

NAME

Vertical USB 3.2 A (board lock type)

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-2439034

SCALE

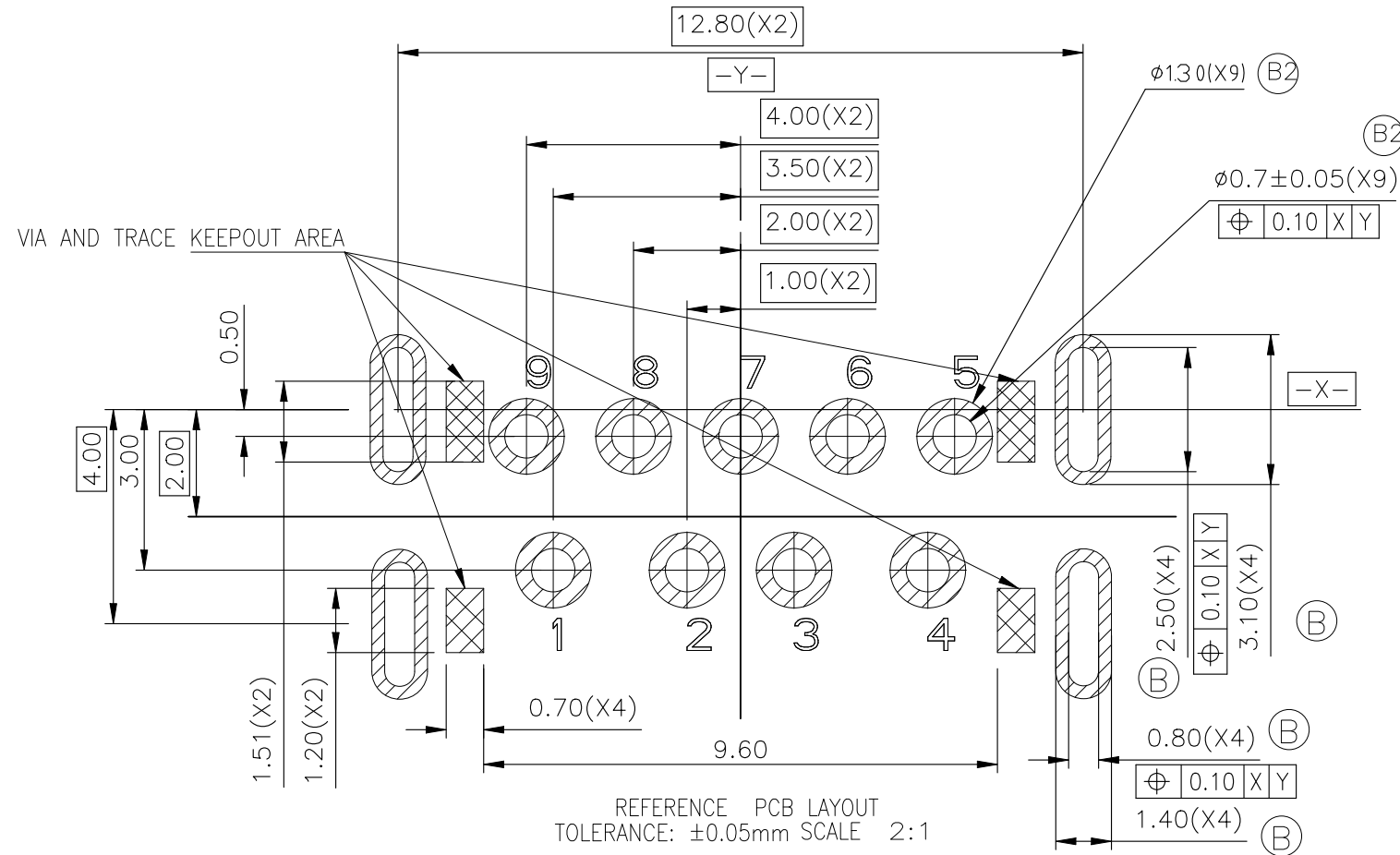
NTS

SHEET

2 of 3

REV

B3



REFERENCE PCB LAYOUT
TOLERANCE: ±0.05mm SCALE 2:1

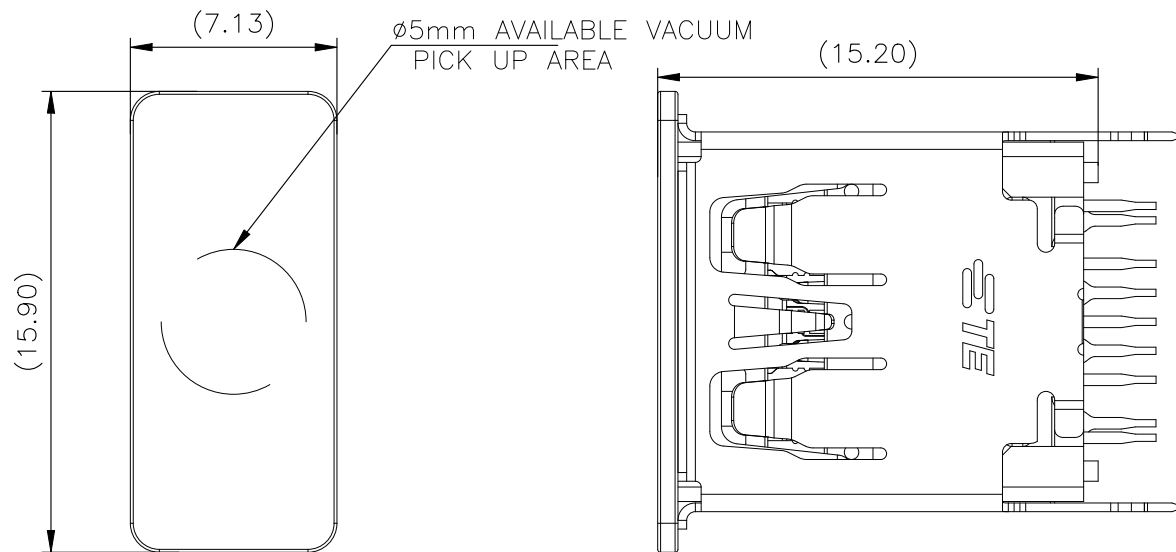
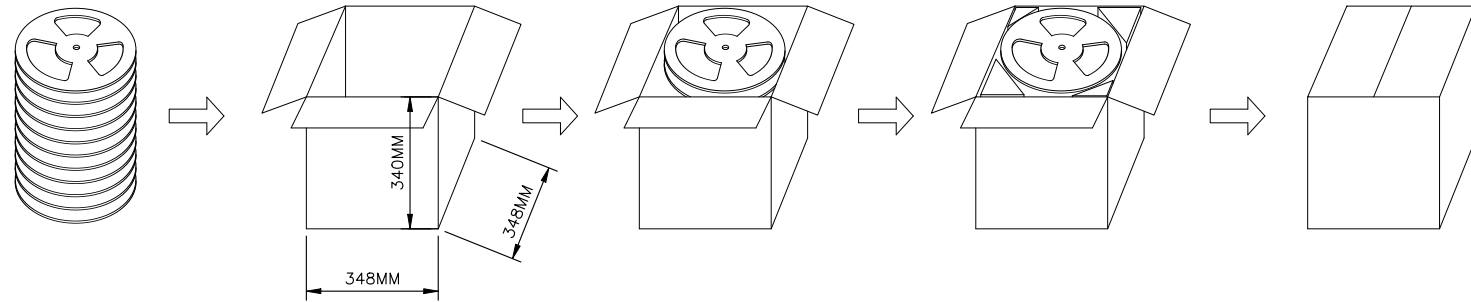
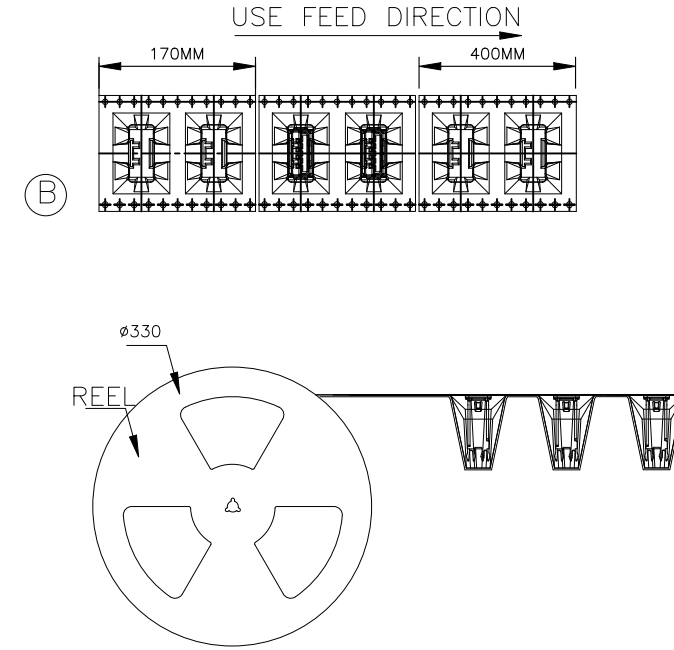
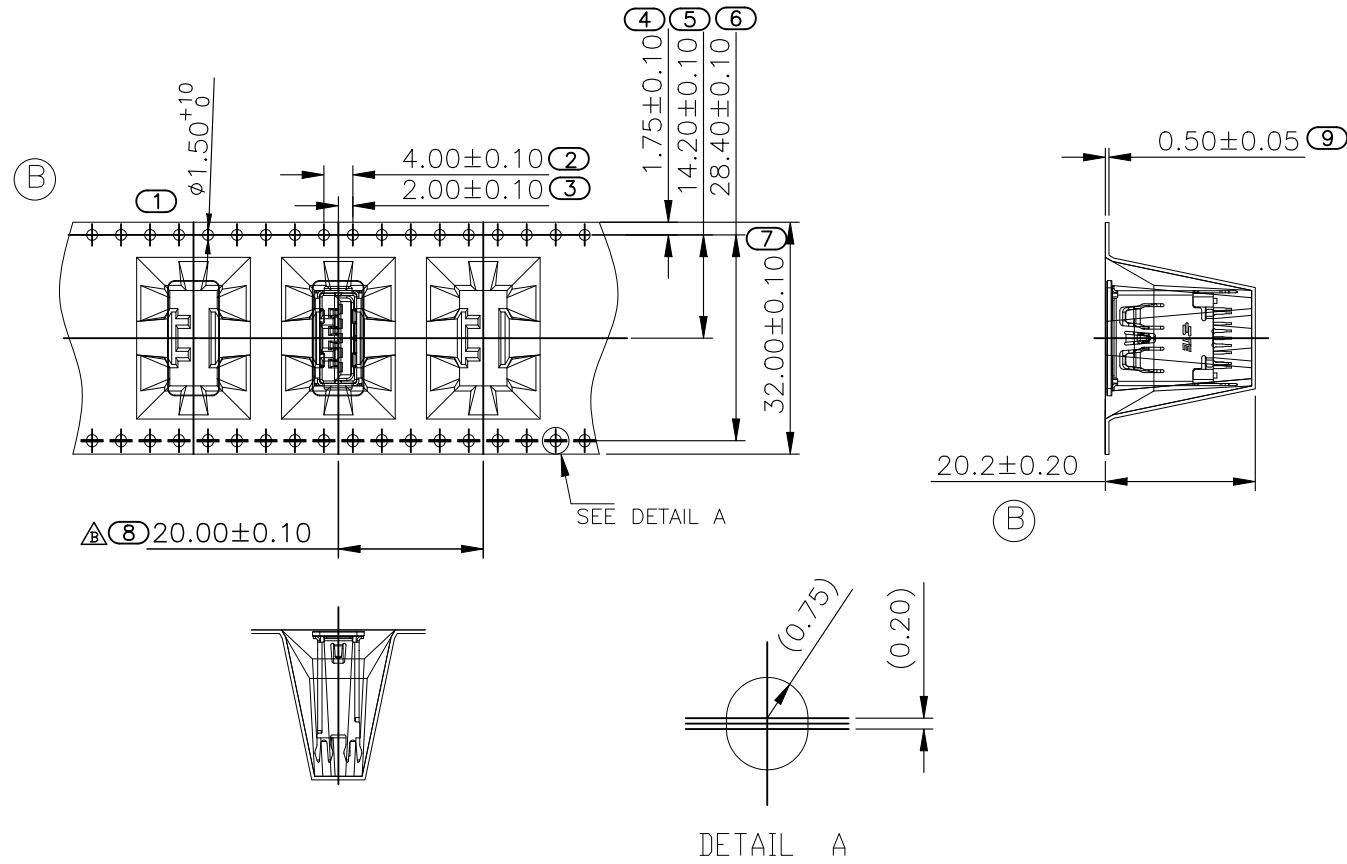


TABLE A: PIN ASSIGNMENT


PIN NO	1	2	3	4	5	6	7	8	9
SIGNAL NAME	VBUS	D-	D+	GND	STDA_SSRX-	STDA_SSRX+	GND	STDA_SSTX-	STDA_SSTX+
REMARK	USB 2.0 CONTACT PIN				USB 3.0 CONTACT PIN				

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



5.60KG	2.26KG	150	8	1200	2439034-1
5.60KG	2.26KG	150	8	1200	2439034-2
5.60KG	2.26KG	150	8	1200	2439034-3
GROSS WEIGHT	NET WEIGHT	PCS/ REEL	REEL/ BOX	PCS/ BOX	PART NUMBER

- 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.		DWN GVA 19MAY2023	 TE Connectivity		
		CHK DS 18-May-2023			
		APVD WH 19-May-2023	NAME Vertical USB 3.2 A (board lock type)		
DIMENSIONS: mm		PRODUCT SPEC 108-160961			
		APPLICATION SPEC -			
		WEIGHT 0	SIZE A3	CAGE CODE 00779	DRAWING NO C-2439034
MATERIAL -		FINISH -	RESTRICTED TO -		
		CUSTOMER DRAWING		SCALE NTS	SHEET 3 of 3
				REV B3	