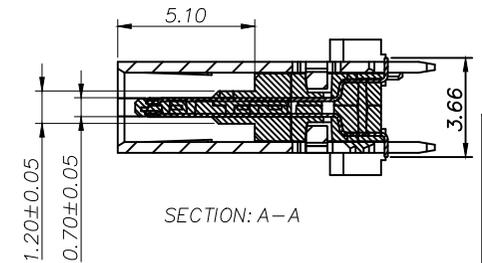
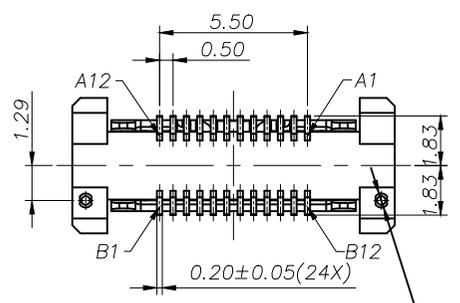
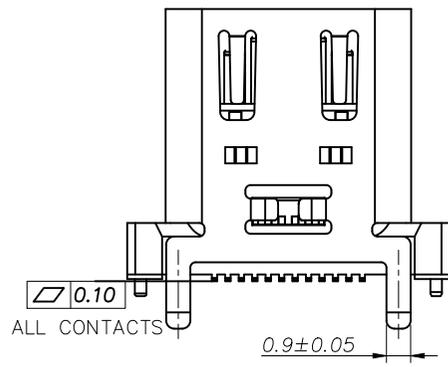
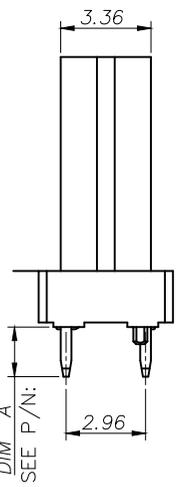
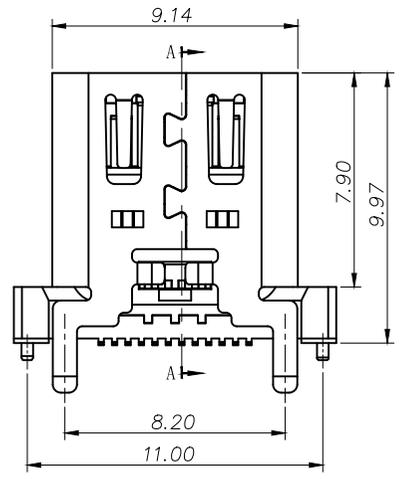
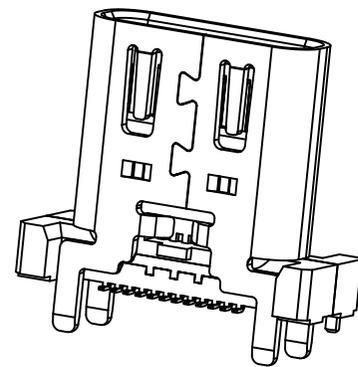
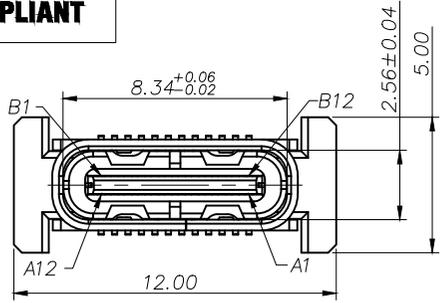




REV:	ECN. NO.	NAME	DATE



**NOTE:**

- MATERIAL SPECIFICATION:**
  - HOUSING: PA9T, UL94 V-0.
  - TERMINAL: COPPER ALLOY (C1815)
  - MID PLATE: STAINLESS STEEL (SUS301)
  - FRONT SHELL: STAINLESS STEEL (SUS304)
- PLATING SPECIFICATION:**
  - TERMINAL:**
    - Ni 50u" MIN. UNDER PLATED OVER ALL.
    - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N)
    - PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
  - SHELL:**
    - Ni 50u" MIN. UNDER PLATED OVER ALL.
  - MID PLATE:**
    - CLEAR ONLY
- MECHANICAL PERFORMANCE,**
  - INSERTION FORCE:** 0.5~2.0kgf.
  - REMOVAL FORCE:** 0.8kgf~2.0kgf.
  - DURABILITY:** 10000 CYCLES.
- ELECTRICAL PERFORMANCE,**
  - VOLTAGE RATING:** 5 V DC/AC (RMS. max)  
CURRENT RATING: 5 AMPS. FOR TOTAL VBUS/GND PINS; 1.25AMPS FOR CC PIN, 0.25 AMPS. FOR ALL OTHER CONTACT.
  - LLCR:**
    - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
    - LLCR MAX. CHANGE OF ALL PINS: 10mΩ
  - INSULATION RESISTANCE:** 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.**
- ENVIRONMENTAL PERFORMANCE:**
  - OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:**
  - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.
- TID NO:** 7229

TOLERANCE	
X.X ±0.30	X.° ±10°
.XX ±0.20	.X° ±8°
.XXX ±0.10	.XX° ±5°
UNITS	
	mm



FOR YOUR VITAL CONNECTION

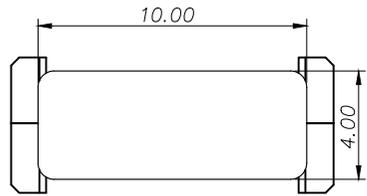
For technical support, please send an email to [support@vitalconn.com](mailto:support@vitalconn.com)

TITLE:		USB CF24P VERTICAL SMT	
DRAWN BY:	Zou Long	PART NO:	UC32-1E1H1A103-0HR-19
CHECKED BY:	Bob	SIZE: A4	UNIT:mm
APPROVED BY:	QPF	PROJECTION	http://www.vitalconn.com

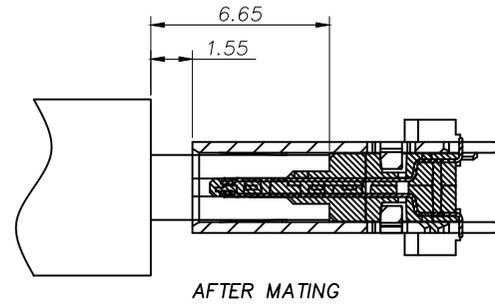
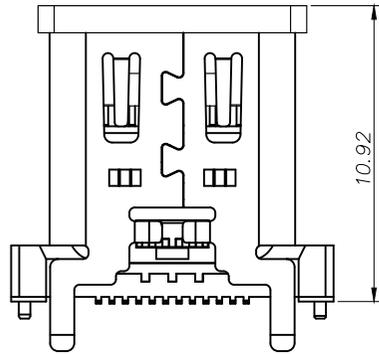
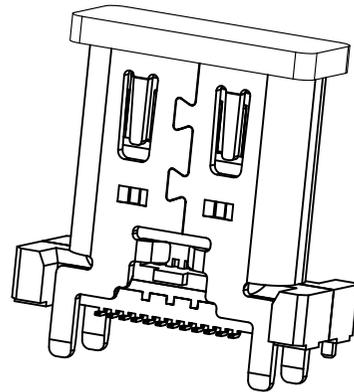
SHEET: 1 OF 3 FCN: F9



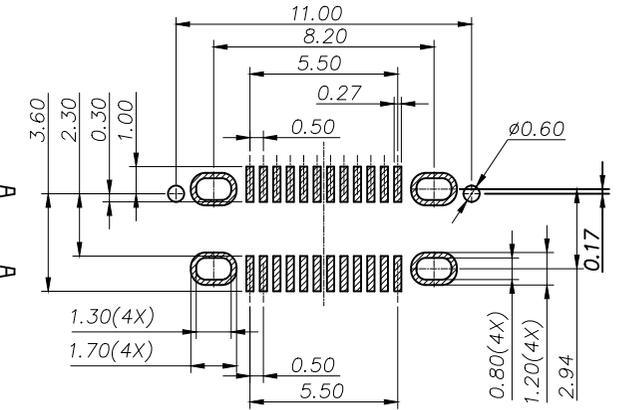
REV:	ECN. NO.	NAME	DATE



WITH PICK UP COVER



AFTER MATING



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 1.0±0.10MM;DEFAULT TOLERANCE:±0.05

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TXp1	B11	RXp1
A3	TXn1	B10	RXn1
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	RXn2	B3	TXn2
A11	RXp2	B2	TXp2
A12	GND	B1	GND

P/N DESCRIPTION: UC32-1E1H1A103-0HR-19

HOUSING MATERIAL  
E: PA9T

HOUSING COLOR  
1: BLACK

SHELL MATERIAL  
H: SUS304

SHELL PLATING  
1: Ni

DIM "A"  
0: 1.83mm  
1: 1.30mm

CONTACT FUNCTIONAL AREA PLATED

01: Au 1u"  
03: Au 3u"  
15: Au 15u"  
30: Au 30u"

CONTACT SOLDER AREA PLATED

1: Au 1u"

CONTACT MATERIAL  
A: C1815

TOLERANCE	
X.X ±0.30	X.° ±10°
.XX ±0.20	.X° ±8°
.XXX ±0.10	.XX° ±5°
UNITS	mm



a vital connector company

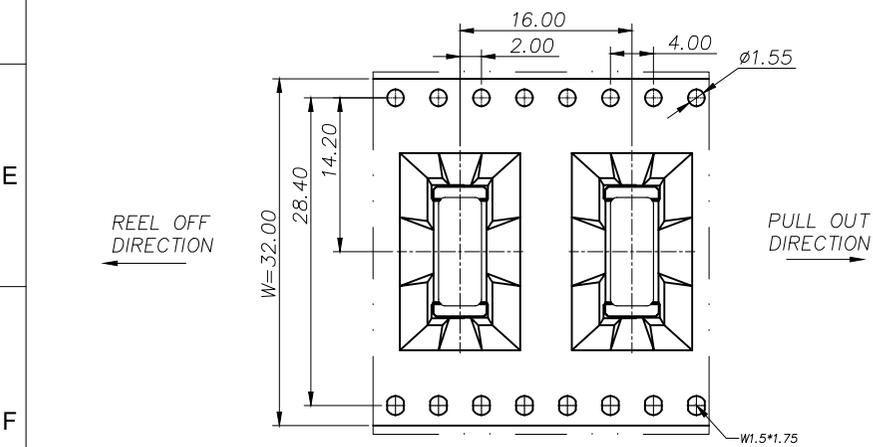
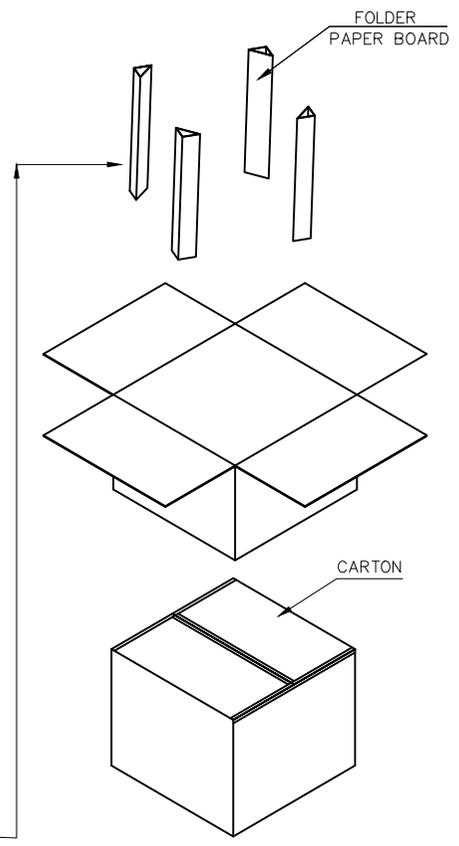
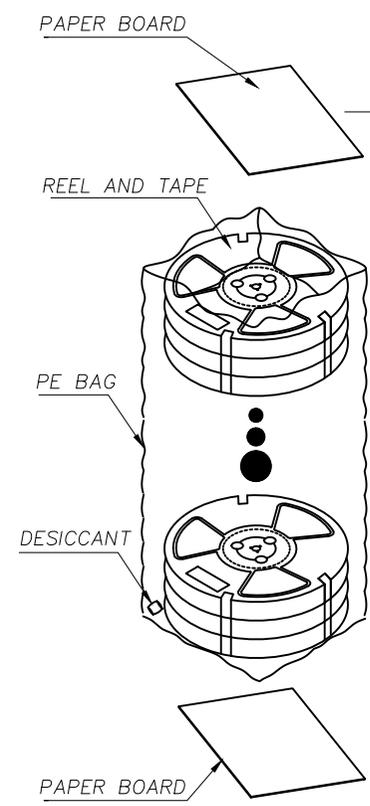
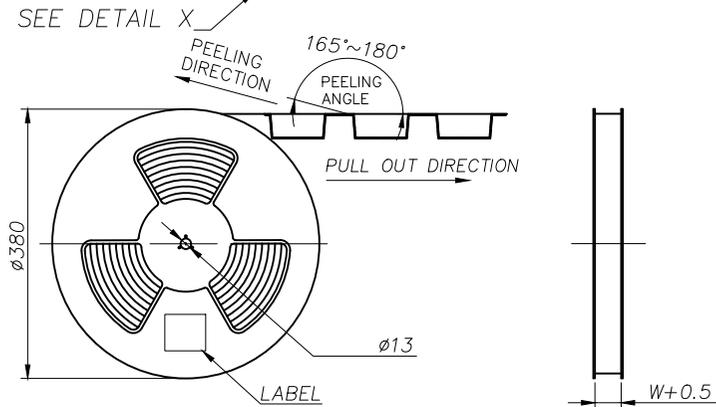
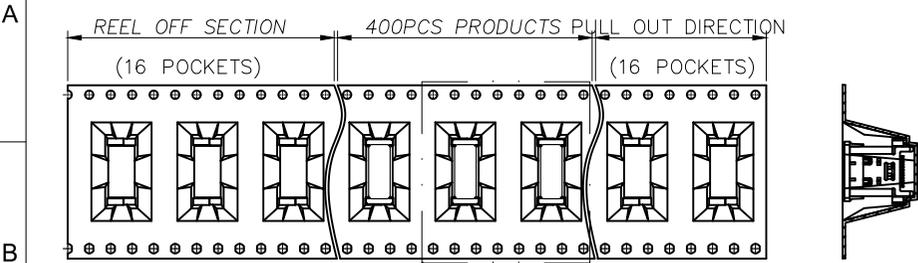
FOR YOUR  
VITAL CONNECTION

TITLE:	USB CF24P VERTICAL SMT		
DRAWN BY:	Zou Long	PART NO:	UC32-1E1H1A103-0HR-19
CHECKED BY:	Bob	SIZE: A4	UNIT:mm
APPROVED BY:	QPF	PROJECTION	
			SHEET:2 OF 3
			FCN: F9
			http://www.vitalconn.com

For technical support, please send an email to support@vitalconn.com



REV:	ECN. NO.	NAME	DATE



DETAIL X

	REEL/TRAY	CARTON
CONNECTOR (PCS)	400	3200

<b>TOLERANCE</b> X.X ±0.30 X.° ±10° .XX ±0.20 .X° ±8° .XXX ±0.10 .XX° ±5° UNITS mm		<b>VITALCON</b> a vital connector company		FOR YOUR VITAL CONNECTION	
TITLE:		USB CF24P VERTICAL SMT			
DRAWN BY:	Zou Long	PART NO:	UC32-1E1H1A103-0HR-19	REV: A	
CHECKED BY:	Bob	SIZE: A4	UNIT:mm	SHEET:3 OF 3	FCN: F9
APPROVED BY:	QPF	PROJECTION	<a href="http://www.vitalconn.com">http://www.vitalconn.com</a>		

For technical support, please send an email to [support@vitalconn.com](mailto:support@vitalconn.com)