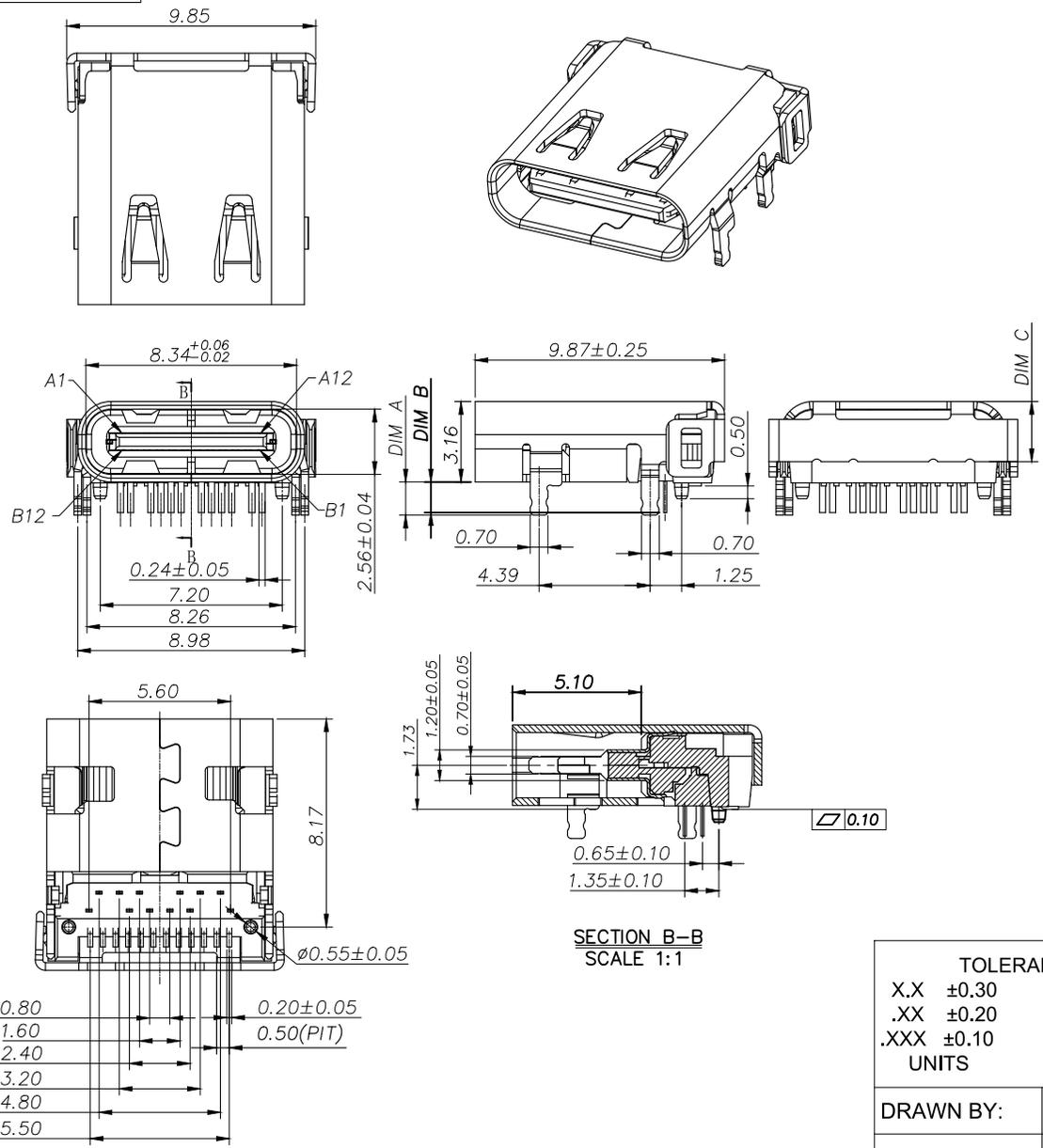




REV:	ECN. NO.	NAME	DATE

A  
B  
C  
D  
E  
F

A  
B  
C  
D  
E  
F



NOTE:

- MATERIAL SPECIFICATION:
  - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
  - CONTACTS: COPPER ALLOY
  - MID PLATE: STAINLESS STEEL
  - FRONT SHELL: STAINLESS STEEL
  - EMI PLATE: STAINLESS STEEL
- PLATING SPECIFICATION:
  - CONTACTS:
    - Ni 50u" MIN. UNDER PLATED OVER ALL.
    - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N)
  - FRONT SHELL: PLATING SPECIFICATIONS FOLLOW THE P/N
  - MID PLATE & EMI PLATE: CLEAR ONLY
- MECHANICAL PERFORMANCE,
  - INSERTION FORCE: 0.5~2.0kgf.
  - REMOVAL FORCE: 0.8kgf~2.0kgf.
  - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
  - CURRENT RATING: 5.0A  
VOLTAGE RATING: 5.0V
  - LLCR:
    - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
    - SHIELD: 50mΩ/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.

TOLERANCE		 a vital connector company	FOR YOUR VITAL CONNECTION	
X.X ±0.30	X.° ±10°		TITLE:	USB CF 24PIN DIP+SMT WITH SPRING&POST
.XX ±0.20	.X° ±8°	DRAWN BY:	Zou Long	PART NO: UC32-1E1H1A103-0HR-05
.XXX ±0.10	.XX° ±5°	CHECKED BY:	Bob	SIZE: A4
UNITS	mm	APPROVED BY:	QPF	UNIT:mm
PROJECTION				SHEET: 1 OF 3
<a href="http://www.vitalconn.com">http://www.vitalconn.com</a>		FCN: F9		

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



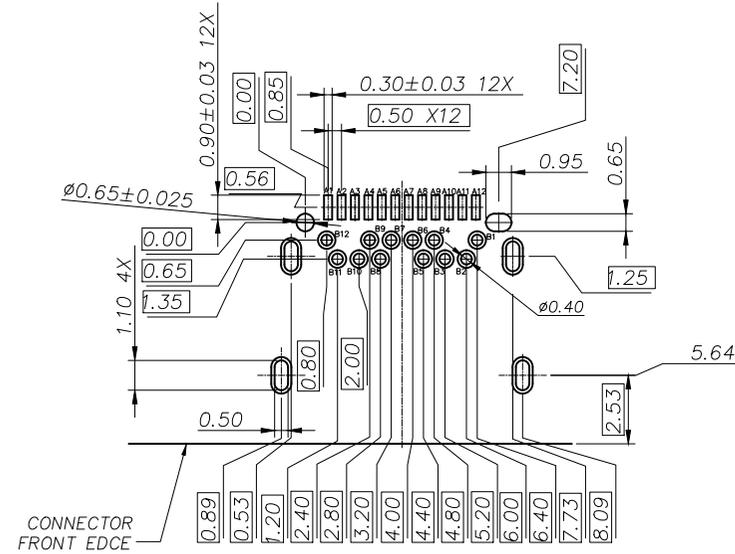
REV:	ECN. NO.	NAME	DATE

TABLE 1

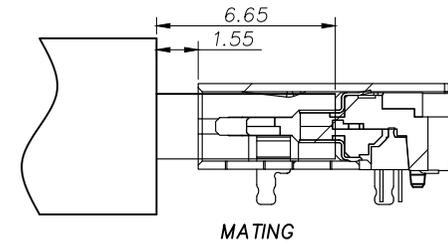
ITEM	P/N	DIM"A"	DIM"B"	DIM"C"	HOUSING CLOER	PLATING	
						MATING AREA	SOLDER AREA
1	UC32-1E1H1A103-0HR-05	1.30	1.20	1.96	BALCK	Au: 3u"	Au: G/F
2	UC32-1E1H1A103-1HR-05	1.55	1.45	2.36		Au: 15u"	Au: G/F
3	UC32-1E1H1A115-0HR-05	1.30	1.20	1.96	BALCK	Au: 30u"	Au: G/F
4	UC32-1E1H1A130-0HR-05	1.30	1.20	1.96		Au: 3u"	Au: G/F
5	UC32-1E1H1A130-1HR-05	1.55	1.45	2.36	BALCK	Au: 3u"	Au: G/F
6	UC32-1E1H1A103-2HR-05	0.90	0.80	2.36		Au: 3u"	Au: G/F

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



RECOMMENDED P.C.B. LAYOUT (T=1.00mm)  
TOLERANCE UNSPECIFIED ±0.05mm

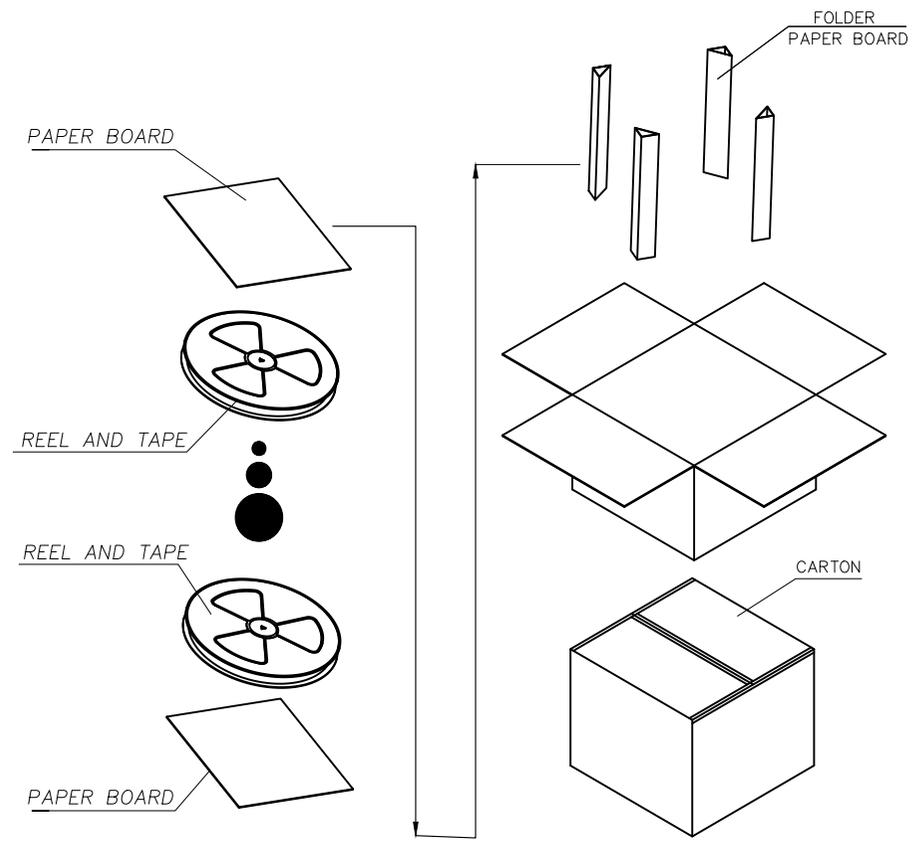
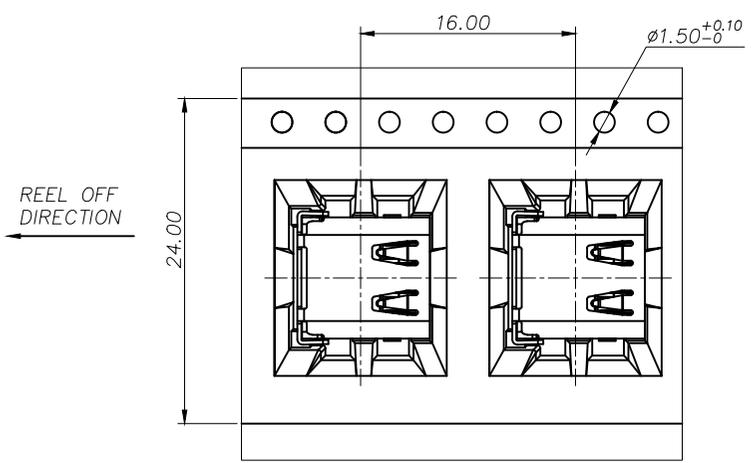
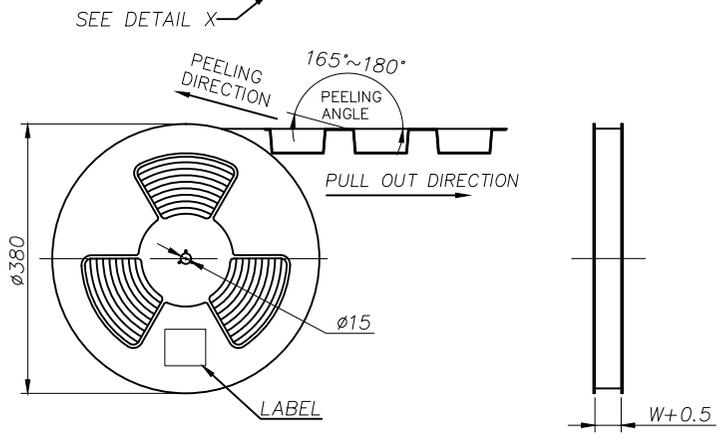
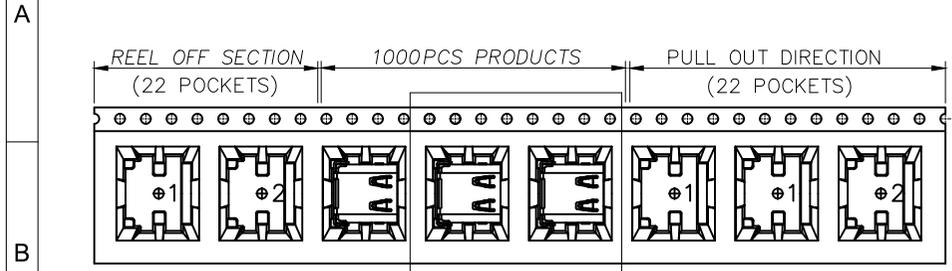


TOLERANCE X.X ±0.30 X.° ±10° .XX ±0.20 .X° ±8° .XXX ±0.10 .XX° ±5° UNITS mm		<b>VITALCON</b> a vital connector company		FOR YOUR VITAL CONNECTION	
DRAWN BY: Zou Long		PART NO: UC32-1E1H1A103-0HR-05		REV: A	
CHECKED BY: Bob		SIZE: A4		UNIT:mm	
APPROVED BY: QPF		PROJECTION		SHEET:2 OF 3 FCN: F9	
For technical support, please send an email to support@vitalconn.com				http://www.vitalconn.com	

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



REV:	ECN. NO.	NAME	DATE



	REEL/TRAY	CARTON
CONNECTOR (PCS)	1000	10000

<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 CF 24PIN DIP+SMT WITH SPRING&POST			
DRAWN BY:	Zou Long	PART NO:	UC32-1E1H1A103-0HR-05	REV: A	
CHECKED BY:	Bob	SIZE: A4	UNIT:mm	SHEET:3 OF 3	FCN: F9
APPROVED BY:	QPF	PROJECTION		http://www.vitalconn.com	

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