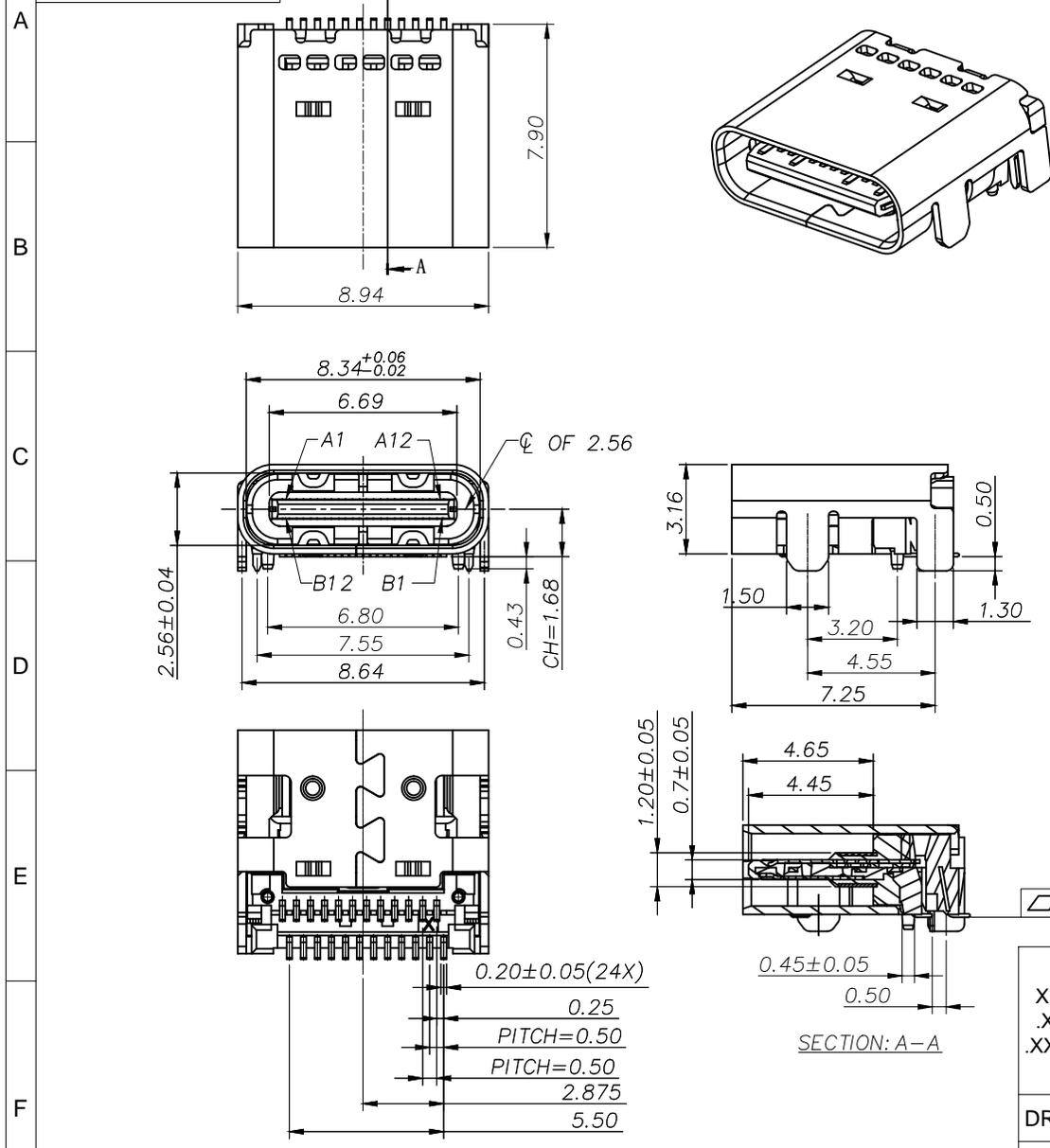




7		8	
REV:	ECN. NO.	NAME	DATE

NOTE:

- 1.MATERIAL SPECIFICATION:
  - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
  - 2.CONTACTS: COPPER ALLOY
  - 3.MID PLATE: STAINLESS STEEL
  - 4.FRONT SHELL: STAINLESS STEEL
  - 5.EMI PLATE: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
  - 2-1.CONTACTS:
    - 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
  - 2-2.FRONT SHELL:
    - Ni 30u" MIN. UNDER PLATED OVER ALL.
  - 2-3.MID PLATE:
    - Ni 30u" MIN. UNDER PLATED OVER ALL.
    - Sn 80u"MIN. PLATED OVER ALL
  - 2-4.EMI PLATE:
    - CLEAR ONLY
- 3.MECHANICAL PERFORMANCE,
  - 3-1.INSERTION FORCE: 0.5~2.0kgf.
  - 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
  - 3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
  - 4-1. CURRENT RATING:5.0A
  - VOLTAGE RATING:5.0V
  - 4-2. LLCR:
    - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
    - LLCR MAX. CHANGE OF ALL PINS: 10mΩ
  - 4-3.INSULATION RESISTANCE: 100MΩ MIN
  - 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -25°C~+85°C.
- 6.IR REFLOW:
  - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.
- 7.TID NUMBER: 2780

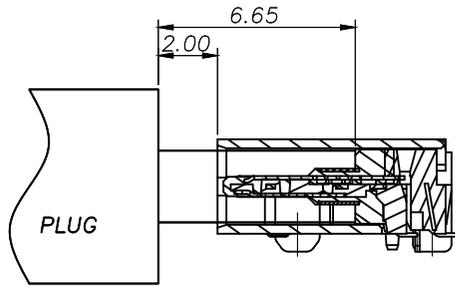


TOLERANCE		VITALCON		FOR YOUR VITAL CONNECTION	
X.X ±0.30	X.° ±10°	a vital connector company		TITLE: USB CF 24PIN SMT TYPE TOP MOUNT WITH POST	
.XX ±0.20	.X° ±8°				
.XXX ±0.10	.XX° ±5°	DRAWN BY: Zou Long		PART NO: UC32-1E1H1A103-0HR-06	REV: A
UNITS	mm	CHECKED BY: Bob		SIZE: A4	UNIT:mm
SECTION: A-A		APPROVED BY: QPF		PROJECTION	SHEET:1 OF 3
					FCN: F9
					http://www.vitalconn.com

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



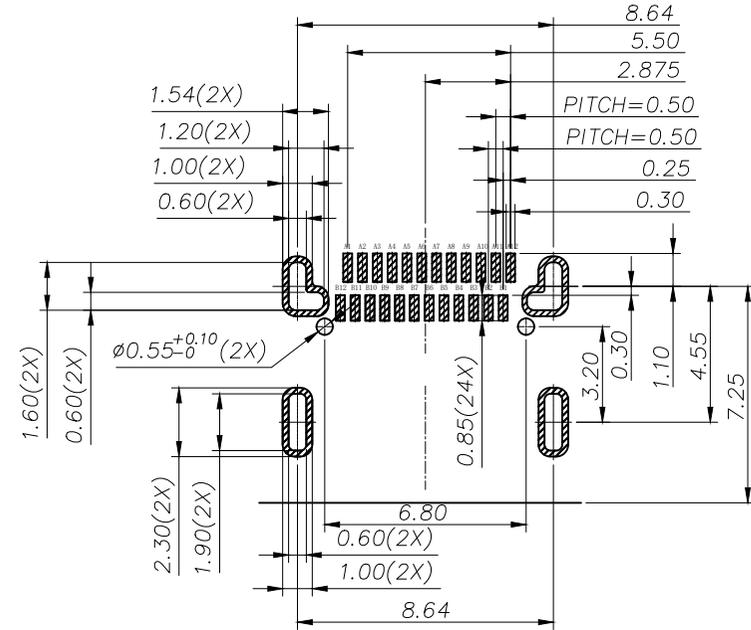
REV:	ECN. NO.	NAME	DATE



AFTER MATING

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 PCB LAYOUT(TOP VIEW)  
THICKNESS 0.60MM;DEFAULT TOLERANCE:±0.05

ORDER INFORMATION

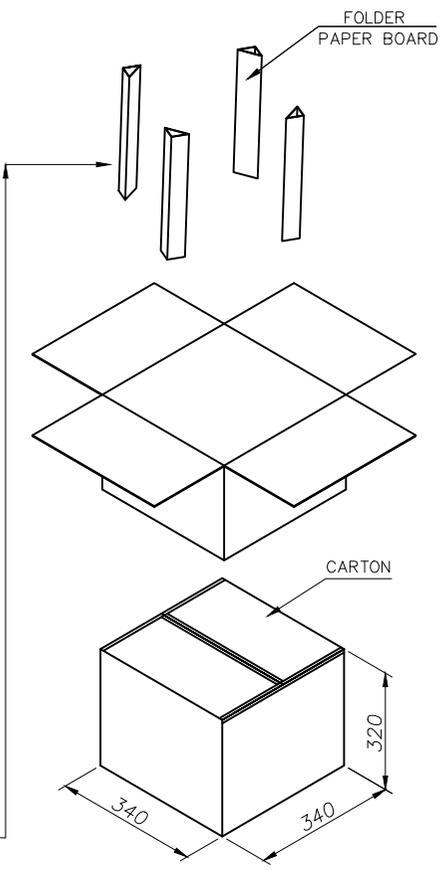
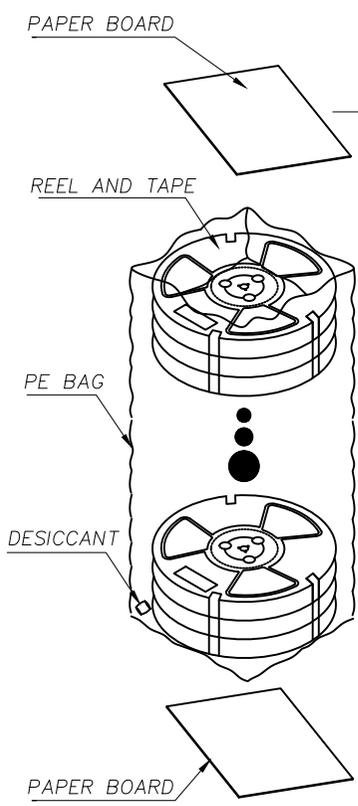
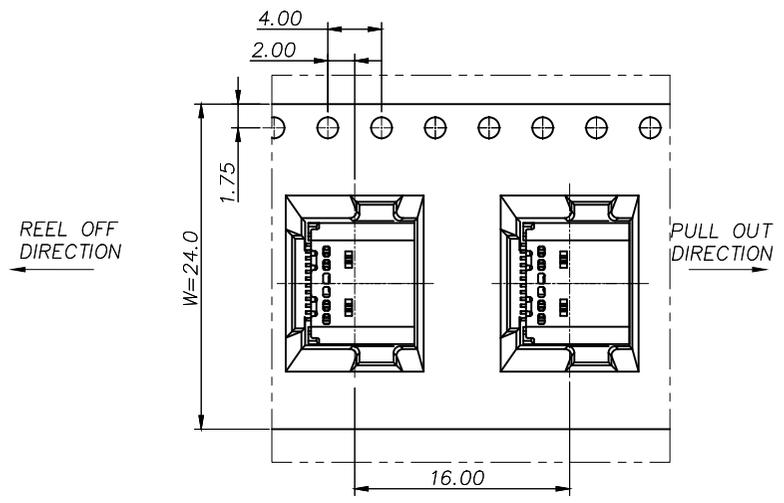
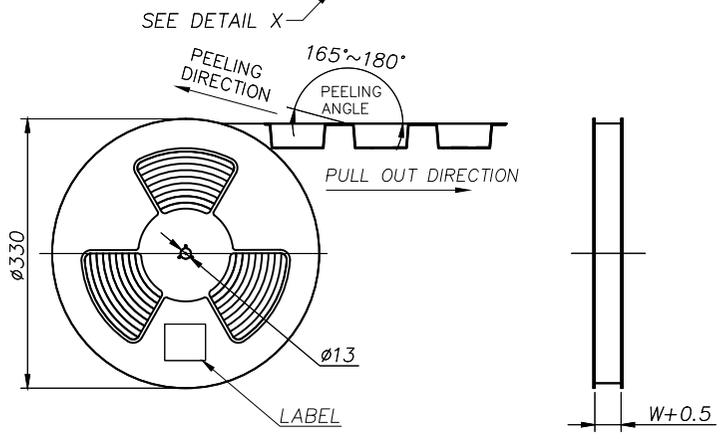
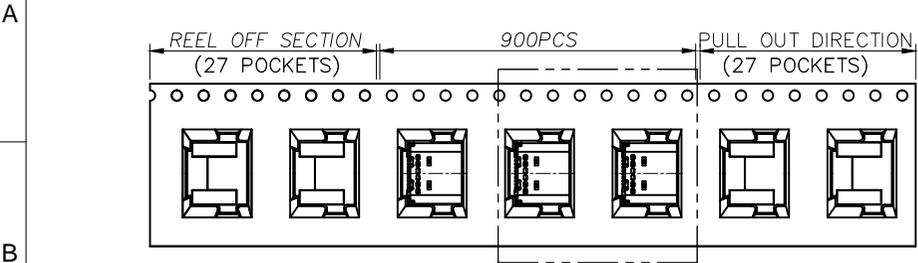
P/N: UC32-1E1H1A103-0HR-06	
HOUSING MATERIAL A: LCP E: PA9T	H: HF
HOUSING COLOR 1: BLACK	CONTACT FUNCTIONAL AREA PLATED 03: Au 3u" 15: Au 15u" 30: Au 30u"
SHELL PLATING 1: Ni	CONTACT SOLDER AREA PLATED 1: Au 1u"
CONTACT MATERIAL A: C18150	

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 CF 24PIN SMT TYPE TOP MOUNT WITH POST				
DRAWN BY: Zou Long	PART NO: UC32-1E1H1A103-0HR-06	REV: A		
CHECKED BY: Bob	SIZE: A4	UNIT:mm	SHEET:2 OF 3 FCN: F9	
APPROVED BY: QPF	PROJECTION	http://www.vitalconn.com		

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



REV:	ECN. NO.	NAME	DATE



	REEL	CARTON
CONNECTOR (PCS)	900	9000

<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 SMT TYPE TOP MOUNT WITH POST			
DRAWN BY:	Zou Long	PART NO:	UC32-1E1H1A103-0HR-06	REV: A	
CHECKED BY:	Bob	SIZE: A4	UNIT:mm	SHEET:3 OF 3	FCN: F9
APPROVED BY:	QPF	PROJECTION		http://www.vitalconn.com	

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

A  
B  
C  
D  
E  
F

A  
B  
C  
D  
E  
F