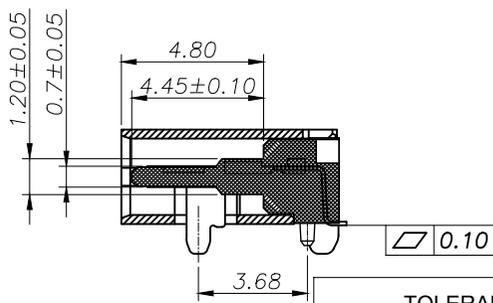
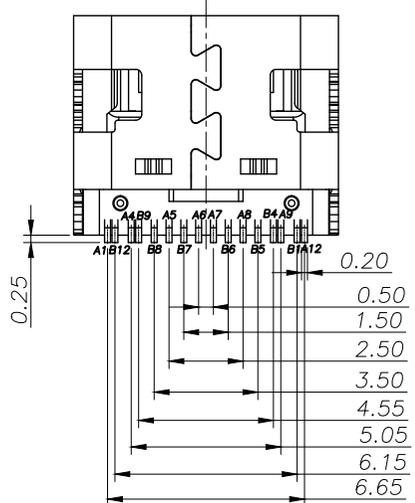
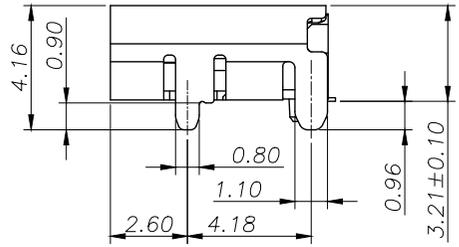
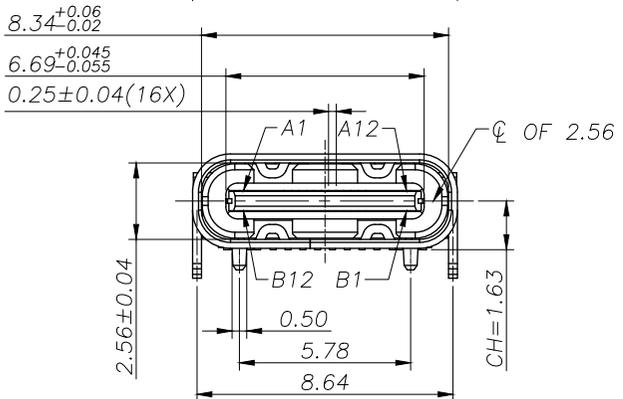
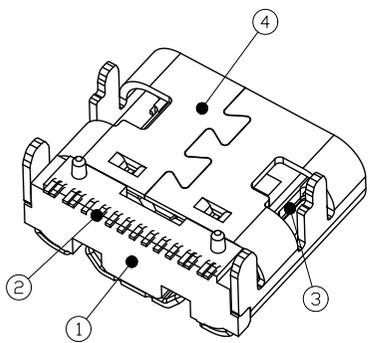
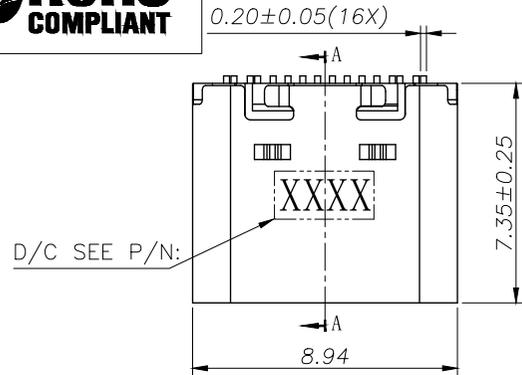




REV:	ECN. NO.	NAME	DATE



NOTE:

1.MATERIAL SPECIFICATION:

- HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- TERMINAL: COPPER ALLOY(C1815)
- MID PLATE: STAINLESS STEEL(SUS301)
- FRONT SHELL: STAINLESS STEEL(SUS304)

2.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
- FRONT SHELL:  
PLATING SPECIFICATIONS FOLLOW THE P/N
- MID PLATE PLATE:  
CLEAR ONLY

3.MECHANICAL PERFORMANCE,

- INSERTION FORCE: 0.5~2.0kgf.
- REMOVAL FORCE: 0.8kgf~2.0kgf.
- DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

- VOLTAGE RATING:20 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.

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.DATE CODE: XX XX

WEEK  
YEAR

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



FOR YOUR  
VITAL CONNECTION

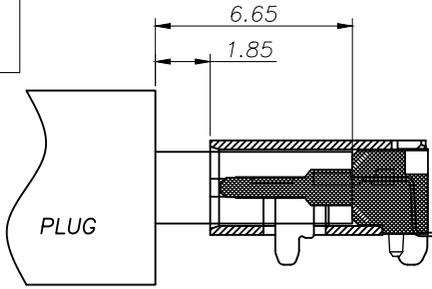
TITLE:	USB CF 16PIN (L=7.35) WITH POST		
--------	---------------------------------	--	--

DRAWN BY:	Zou Long	PART NO:	UC22-1E1H1A103-0HR-16	REV: A
CHECKED BY:	Bob	SIZE: A4	UNIT:mm	SHEET:1 OF 3
APPROVED BY:	QPF	PROJECTION		FCN: F9
			<a href="http://www.vitalconn.com">http://www.vitalconn.com</a>	

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



REV:	ECN. NO.	NAME	DATE



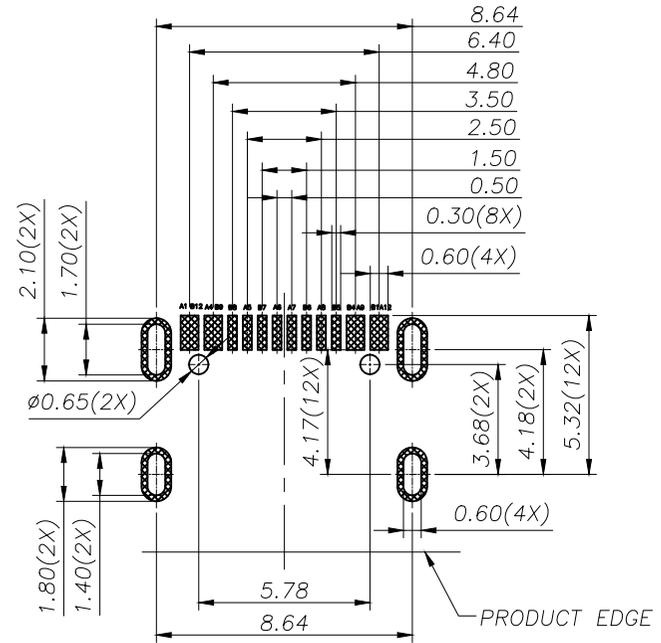
AFTER MATING

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

ORDER INFORMATION

P/N: UC22-1E1H1A103-0HR-16	
HOUSING MATERIAL	D/C
A: LCP	0: WITHOUT D/C
E: PA9T	1: WITH D/C
HOUSING COLOR	CONTACT FUNCTIONAL AREA PLATED
1: BLACK	01: Au 1u"
5: NATURE	03: Au 3u"
SHELL MATERIAL	15: Au 15u"
H:SUS304	30: Au 30u"
N: SK7	CONTACT SOLDER AREA PLATED
SHELL PLATING	1: Au 1u"
1: Ni	CONTACT METRIAL
	A: C1815



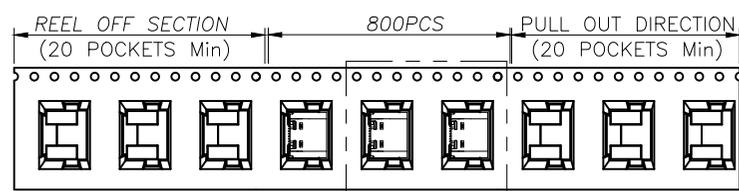
RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

TOLERANCE		 a vital connector company	FOR YOUR VITAL CONNECTION	
X.X ±0.30	X.° ±10°			
.XX ±0.20	.X° ±8°			
.XXX ±0.10	.XX° ±5°			
UNITS mm		TITLE: USB CF 16PIN (L=7.35) WITH POST		
DRAWN BY: Zou Long	PART NO: UC22-1E1H1A103-0HR-16	REV: A		
CHECKED BY: Bob	SIZE: A4	UNIT:mm	SHEET:2 OF 3	FCN: F9
APPROVED BY: QPF	PROJECTION	 http://www.vitalconn.com		

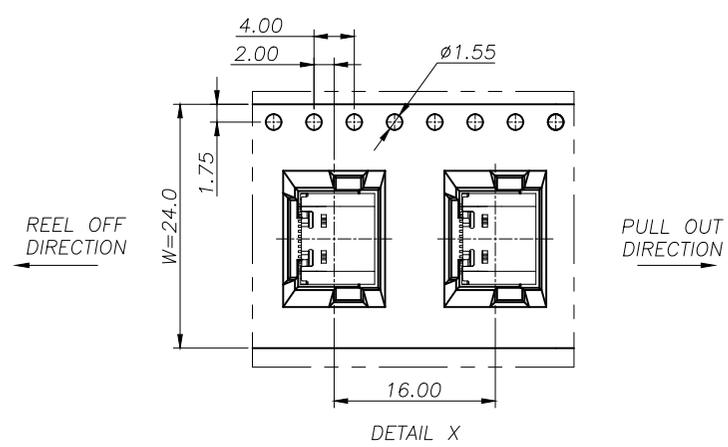
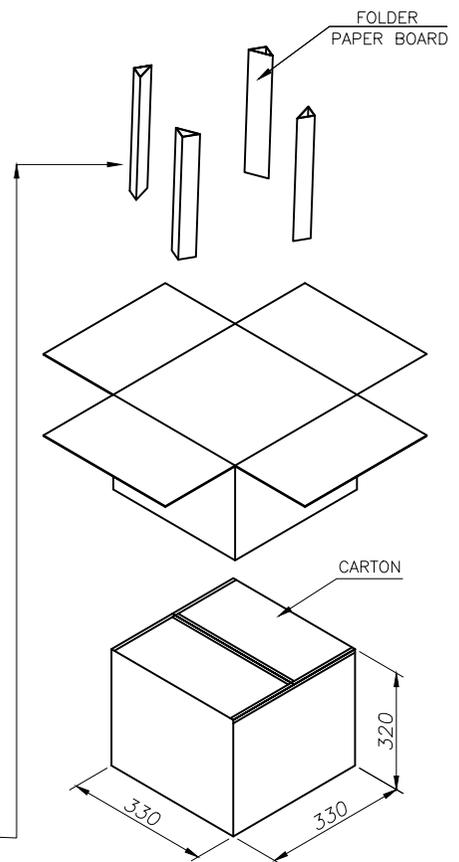
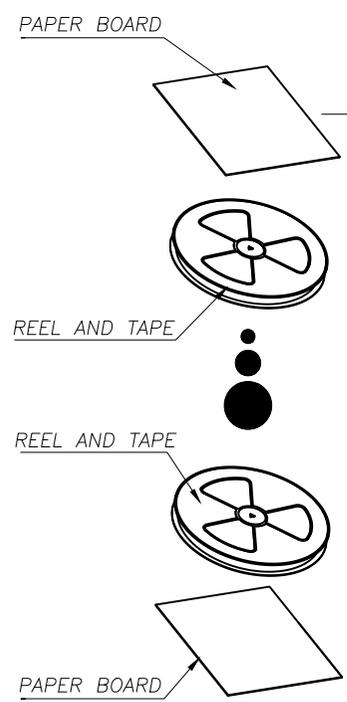
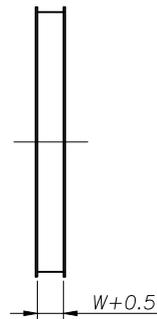
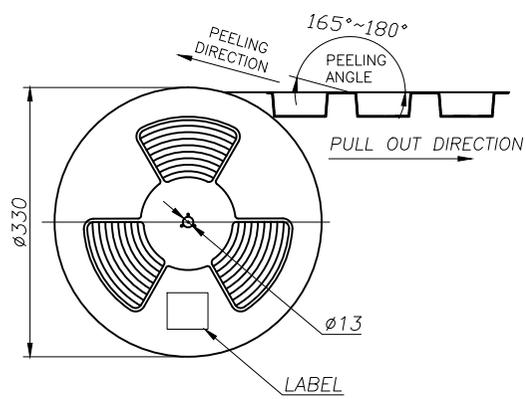
For technical support, please send an email to support@vitalconn.com



REV:	ECN. NO.	NAME	DATE



SEE DETAIL X



DETAIL X

	REEL	CARTON
CONNECTOR (PCS)	800	8000

<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 16PIN (L=7.35) WITH POST			
DRAWN BY:	Zou Long	PART NO:	UC22-1E1H1A103-0HR-16	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