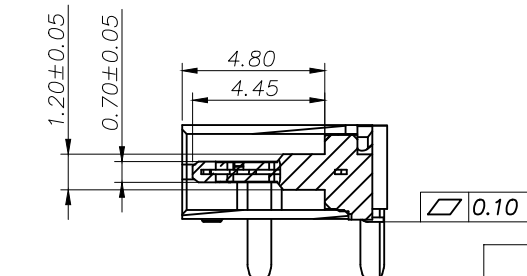
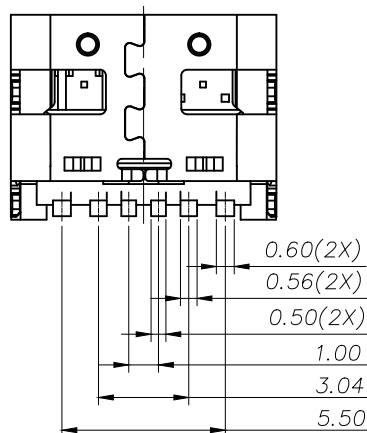
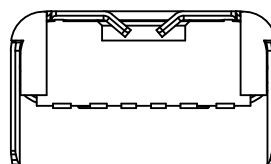
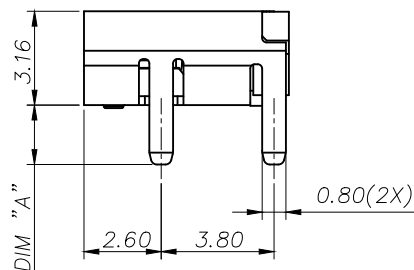
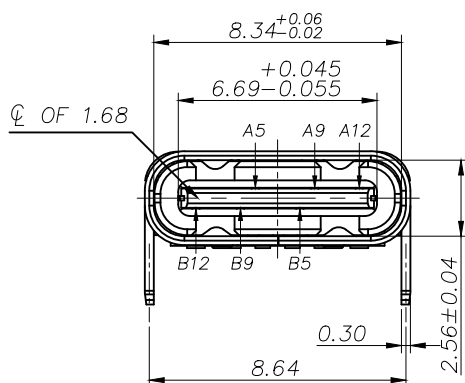
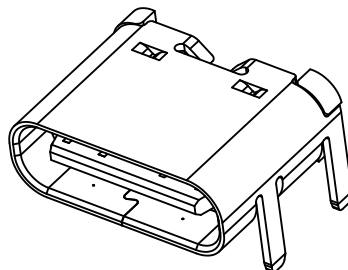
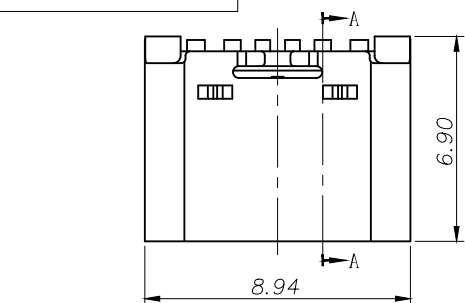




REV:	ECN. NO.	NAME	DATE



SECTION: A-A

NOTE:

1.MATERIAL SPECIFICATION:

1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.

2.TERMINAL: COPPER ALLOY

3.MID PLATE: STAINLESS STEEL

4.FRONT SHELL: STAINLESS STEEL

2.PLATING SPECIFICATION:

2-1.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

2-2.FRONT SHELL:

PLATING SPECIFICATIONS FOLLOW THE P/N

2-3.MID 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. VOLTAGE RATING:5 V DC/AC (RMS. max)

CURRENT RATING: SEE P/N;

1.5AMPS MIN FOR VBUS PIN,

0.25 AMPS. FOR ALL OTHER CONTACT.

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.

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 6PIN SMT CONN

DRAWN BY:

Zou Long

PART NO:

UC22-1E1H1A101-0HR-22

REV: A

CHECKED BY:

Bob

SIZE: A4

UNIT:mm

SHEET:1 OF 3

FCN: F9

APPROVED BY:

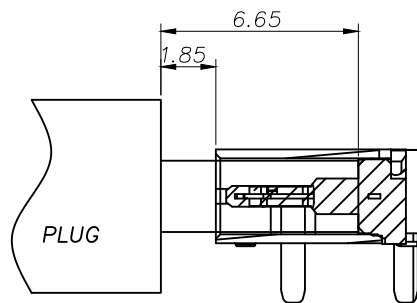
QPF

PROJECTION



http://www.vitalconn.com

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



AFTER MATING

PIN ASSIGNMENTS

A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2
PIN	SIGNAL NAME	PIN	SIGNAL NAME

ORDER INFORMATION

P/N: UC22-1E1H1E101-1HR-22

HOUSING MATERIAL

E: PA9T

A: LCP

HOUSING COLOR

1: BLACK

2: WHITE

5: NATURE

SHELL MATERIAL

H: SUS304

SHELL PLATING

1: Ni

DIM "A"

0: DIM "A" = 2.0mm

1: DIM "A" = 1.0mm

CONTACT FUNCTIONAL AREA PLATED

01: Au 1u"

03: Au 3u"

15: Au 15u"

30: Au 30u"

CONTACT SOLDER AREA PLATED

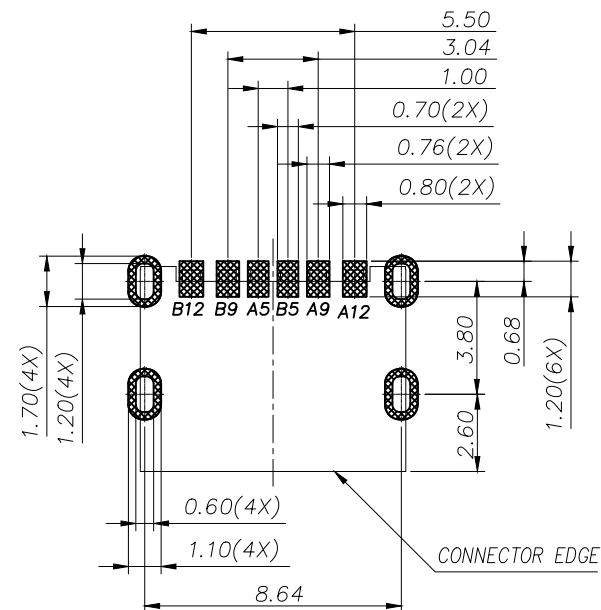
0: Sn

1: Au 1u"

CONTACT MATERIAL

A: C1815 CURRENT RATING: 5 AMPS

E: C2680 CURRENT RATING: 3 AMPS



RECOMMENDED PCB LAYOUT(TOP VIEW)

DEFAULT TOLERANCE: ± 0.05

TOLERANCE			
X.X	± 0.30	X.°	$\pm 10^\circ$
.XX	± 0.20	.X°	$\pm 8^\circ$
.XXX	± 0.10	.XX°	$\pm 5^\circ$
UNITS		mm	



FOR YOUR
VITAL CONNECTION

TITLE:

USB CF 6PIN SMT CONN

DRAWN BY:

Zou Long

PART NO:

UC22-1E1H1A101-0HR-22

REV: A

CHECKED BY:

Bob

SIZE: A4

UNIT:mm

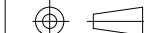
SHEET:2 OF 3

FCN: F9

APPROVED BY:

QPF

PROJECTION

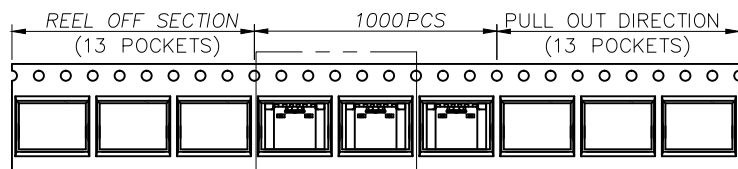


<http://www.vitalconn.com>

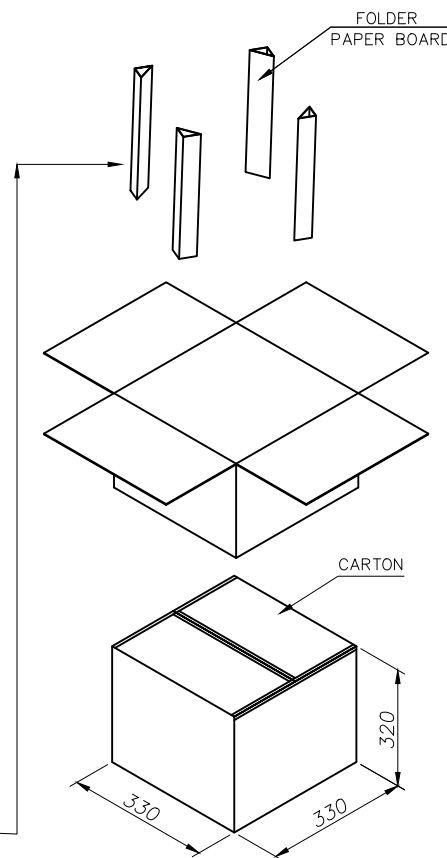
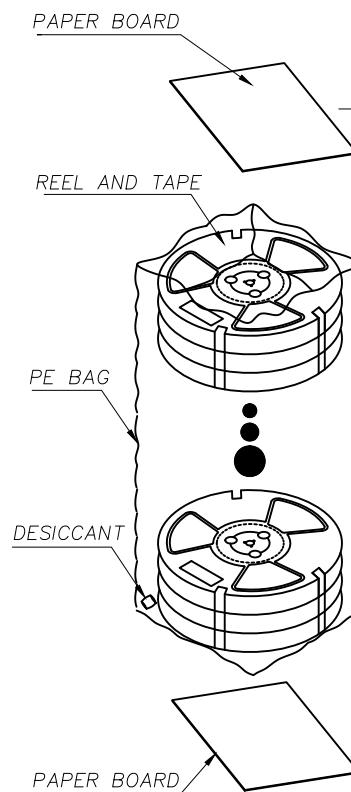
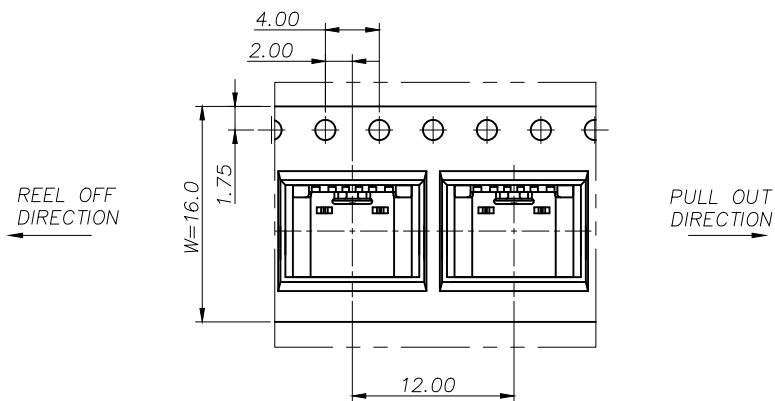
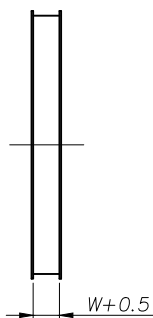
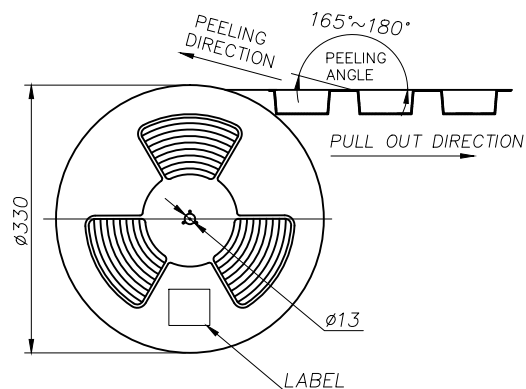
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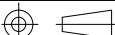
REV:	ECN. NO.	NAME	DATE



SEE DETAIL X



	REEL	CARTON
CONNECTOR (PCS)	1000	14000

TOLERANCE X.X ±0.30 X.° ±10° .XX ±0.20 .X° ±8° .XXX ±0.10 .XX° ±5° UNITS mm		VITALCONN a vital connector company		FOR YOUR VITAL CONNECTION	
		TITLE:	USB CF 6PIN SMT CONN		
DRAWN BY:	Zou Long	PART NO:	UC22-1E1H1A101-0HR-22		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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