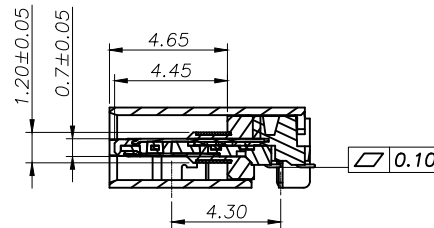
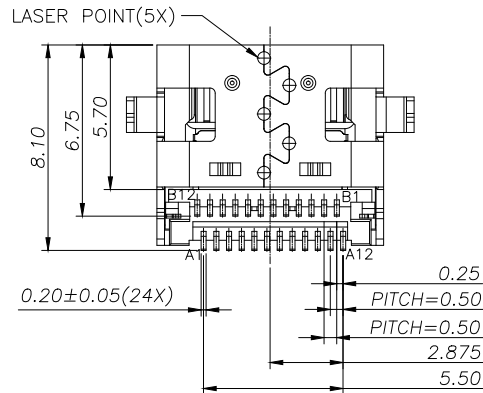
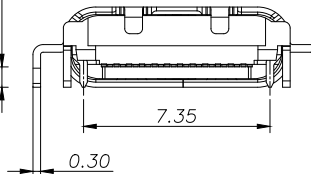
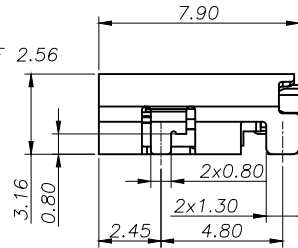
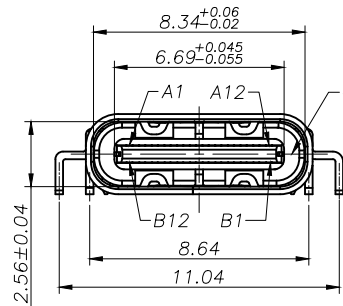
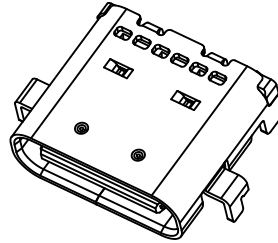
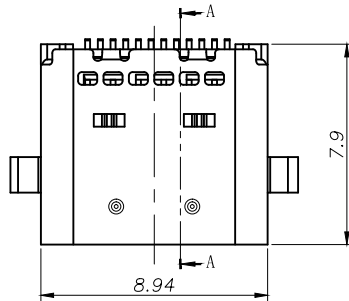




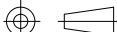
REV:	ECN. NO.	NAME	DATE



NOTE:

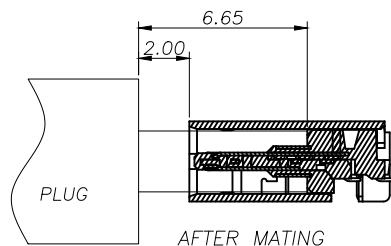
- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - 2.CONTACTS: COPPER ALLOY
 - 3.MID PLATE: STAINLESS STEEL
 - 4.FRONT SHELL: STAINLESS STEEL
 - 5.EMI PLATE: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
 - 2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED 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.

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

TOLERANCE		VITALCON a vital connector company		FOR YOUR VITAL CONNECTION	
X.X ±0.30	X°. ±10°	TITLE: USB CF 24PIN SMT TYPE MID-MOUNT 0.8			
.XX ±0.20	.X° ±8°				
.XXX ±0.10	.XX° ±5°				
UNITS					
UNITS					
DRAWN BY:	Zou Long	PART NO:	UC32-4E1H1A103-0HR-08		REV: A
CHECKED BY:	Bob	SIZE: A4	UNIT:mm	SHEET:1 OF 3	FCN: F9
APPROVED BY:	QPF	PROJECTION			http://www.vitalconn.com

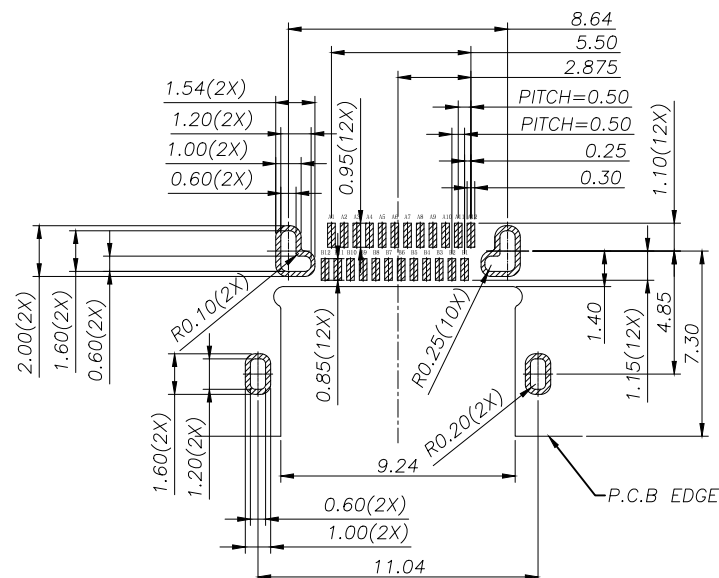


REV:	ECN. NO.	NAME	DATE



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: UC32-4E1H1A103-0HR-08

HOUSING MATERIAL

A: LCP

E: PA9T

HOUSING COLOR

1: BLACK

SHELL PLATING

1: Ni

CONTACT MATERIAL

A: C18150

H: HF

CONTACT FUNCTIONAL AREA PLATED

03: Au 3u"

15: Au 15u"

30: Au 30u"

CONTACT SOLDER AREA PLATED

1: Au 1u"

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 24PIN SMT TYPE MID-MOUNT 0.8

DRAWN BY:

Zou Long

PART NO:

UC32-4E1H1A103-0HR-08

REV: A

CHECKED BY:

Bob

SIZE: A4

UNIT:mm

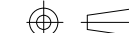
SHEET:2 OF 3

FCN: F9

APPROVED BY:

QPF

PROJECTION

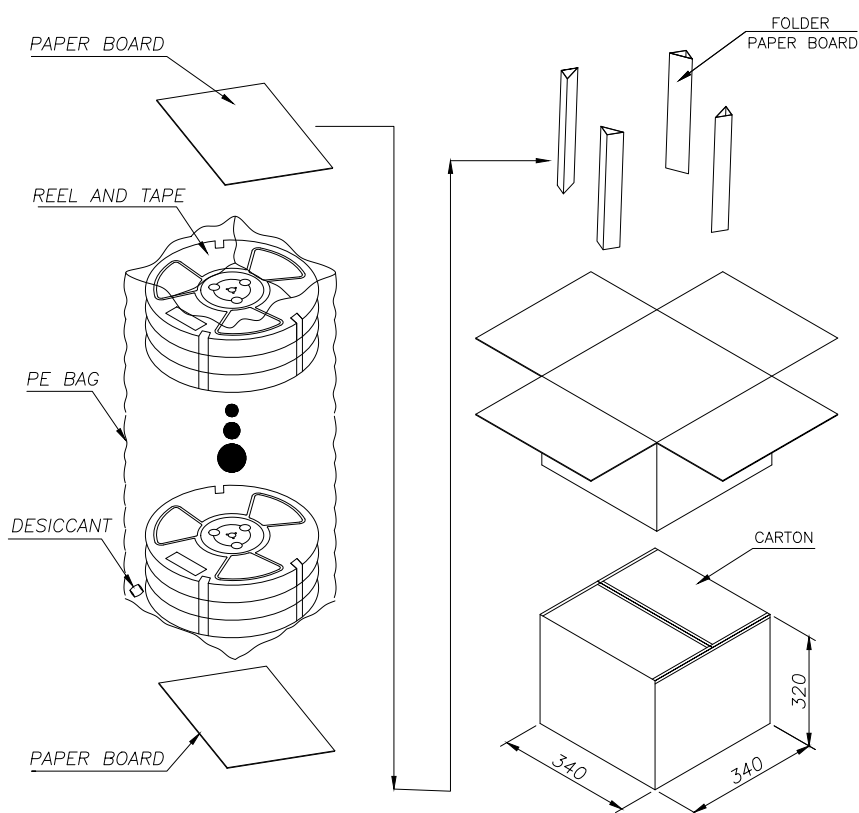
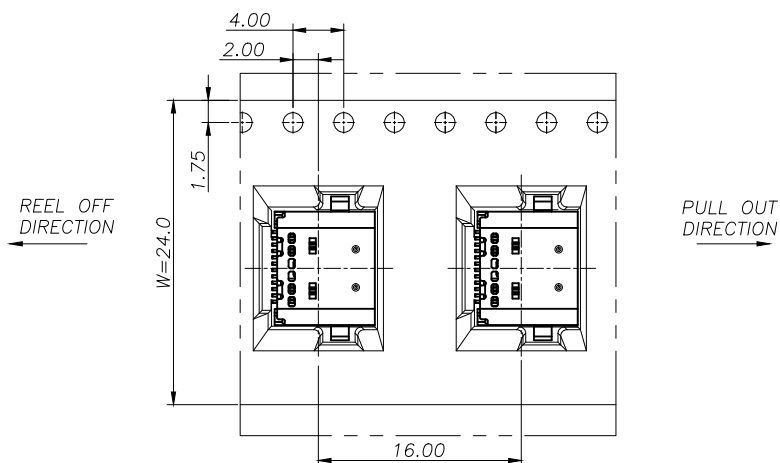
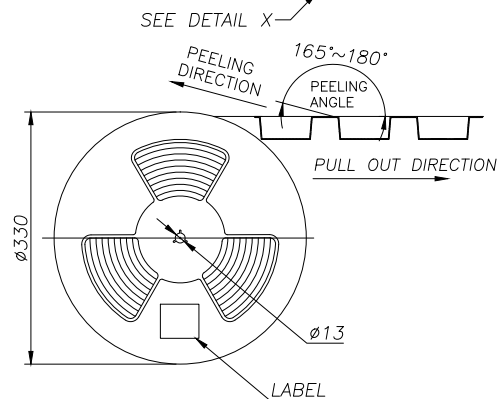
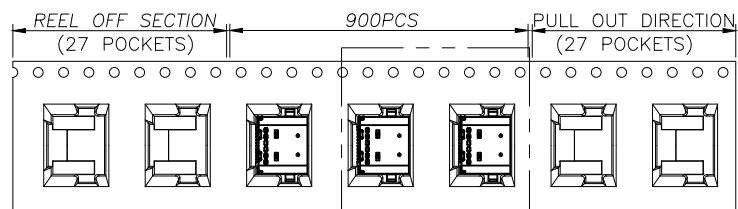


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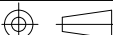


REV:	ECN. NO.	NAME	DATE



	REEL	CARTON
CONNECTOR (PCS)	900	9000

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

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 24PIN SMT TYPE MID-MOUNT 0.8			
DRAWN BY:	Zou Long	PART NO:	UC32-4E1H1A103-0HR-08		REV: A
CHECKED BY:	Bob	SIZE: A4	UNIT:mm	SHEET:3 OF 3	FCN: F9
APPROVED BY:	QPF	PROJECTION			http://www.vitalconn.com