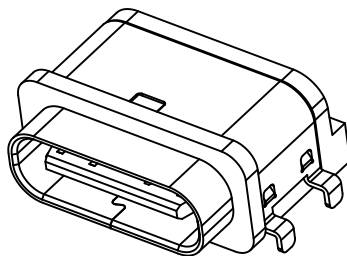
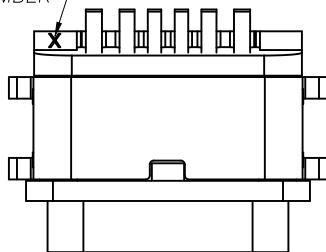




A MOULD NUMBER



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:3 AMPS. FOR TOTAL VBUS/GND PINS;

1.25AMPS FOR CC 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:

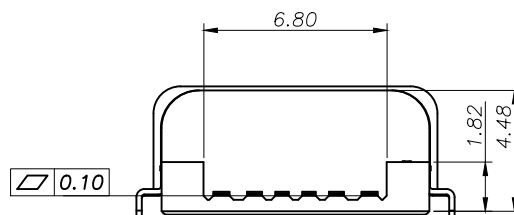
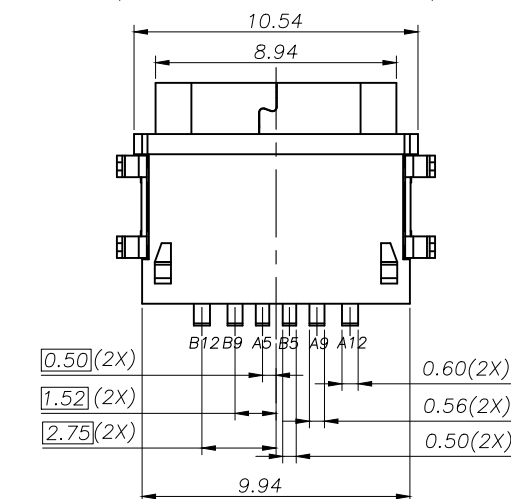
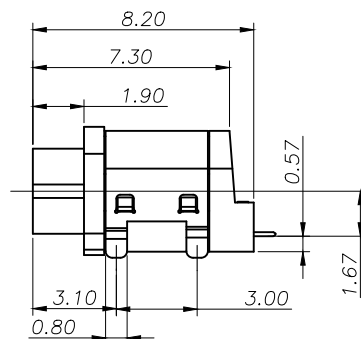
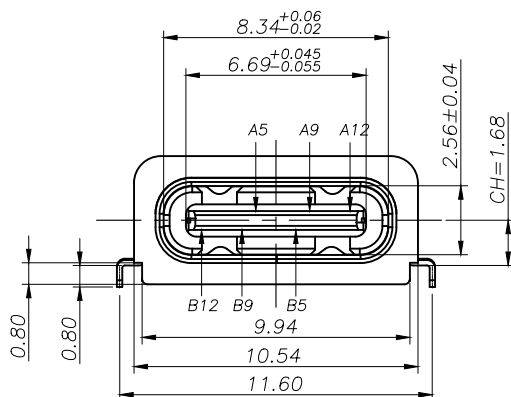
OPERATING TEMPERATURE: -25°C~+85°C.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL

BE MAINTAINED FOR 10 SECONDS AT 260°C.

7.WATERPROOF:IPX5



“E”向视图

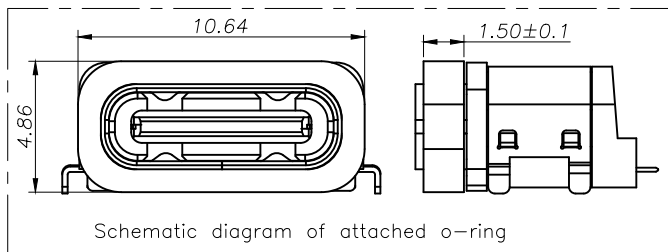
TOLERANCE		VITALCON a vital connector company		FOR YOUR VITAL CONNECTION	
X.X	±0.30	X.°	±10°		
.XX	±0.20	.X°	±8°		
.XXX	±0.10	.XX°	±5°		
UNITS		mm			
DRAWN BY:		Zou Long		TITLE:	
CHECKED BY:		Bob		USB TYPE C 6pos Mid-mount SMT Waterproof	
APPROVED BY:		QPF		PART NO:	UC22-1A1H1E003-0HR-28
				SIZE: A4	UNIT:mm
				PROJECTION	SHEET:1 OF 3
					FCN: F9
					http://www.vitalconn.com

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



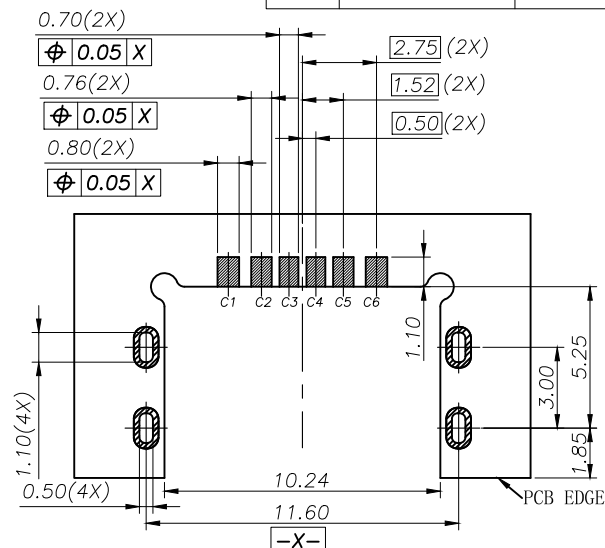
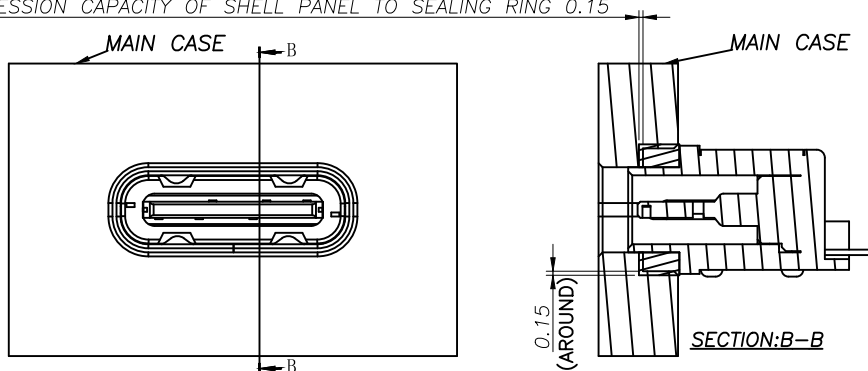
USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1		B12	GND
A2		B11	
A3		B10	
A4		B9	VBUS
A5	CC1	B8	
A6		B7	
A7		B6	
A8		B5	CC2
A9	VBUS	B4	
A10		B3	
A11		B2	
A12	GND	B1	



RECOMMENDED OPENING DIMENSIONS
OF CASE MATING AREA WITH SEALING RING

COMPRESSION CAPACITY OF SHELL PANEL TO SEALING RING 0.15



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

ORDER INFORMATION

P/N: UC22-1A1H1E003-0HR-28

HOUSING MATERIAL

A: LCP

HOUSING COLOR

1: BLACK

SHELL MATERIAL

H:SUS304

SHELL PLATING

1: Ni:50u"MIN

CONTACT FUNCTIONAL AREA PLATED
03: Au 3u"

CONTACT SOLDER AREA PLATED
0: MATTE TIN: 100u"MIN

CONTACT MATERIAL
E: C2680

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 TYPE C 6pos Mid-mount SMT Waterproof

DRAWN BY:

Zou Long

PART NO:

UC22-1A1H1E003-0HR-28

REV: A

CHECKED BY:

Bob

SIZE: A4

UNIT:mm

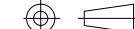
SHEET:2 OF 3

FCN: F9

APPROVED BY:

QPF

PROJECTION

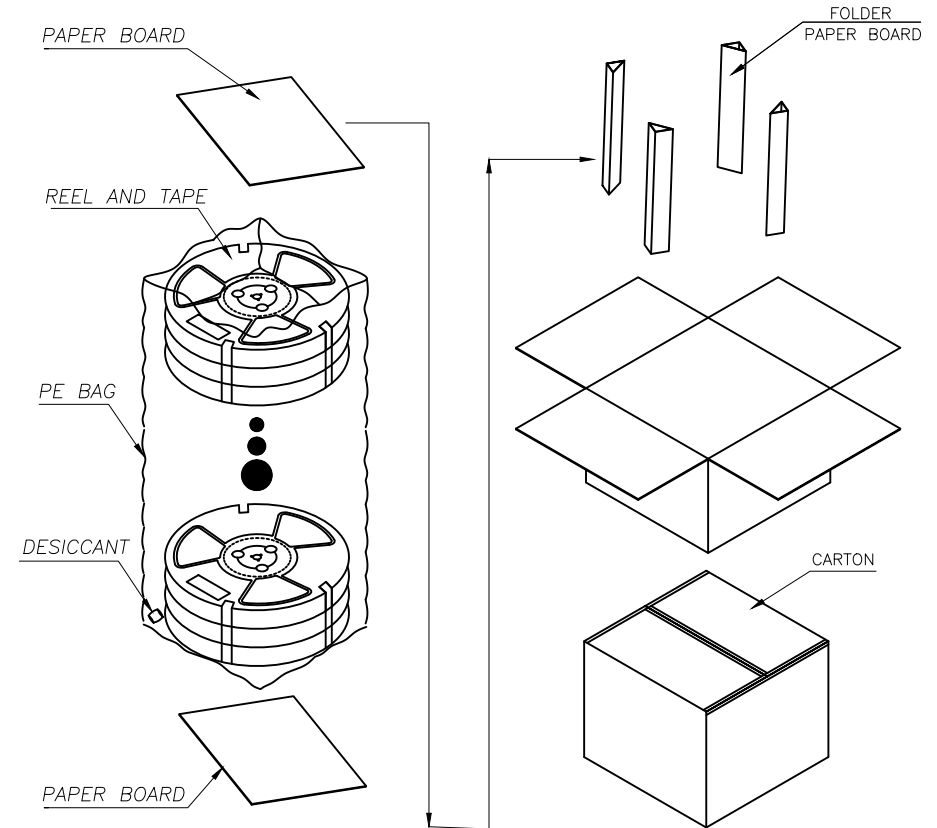
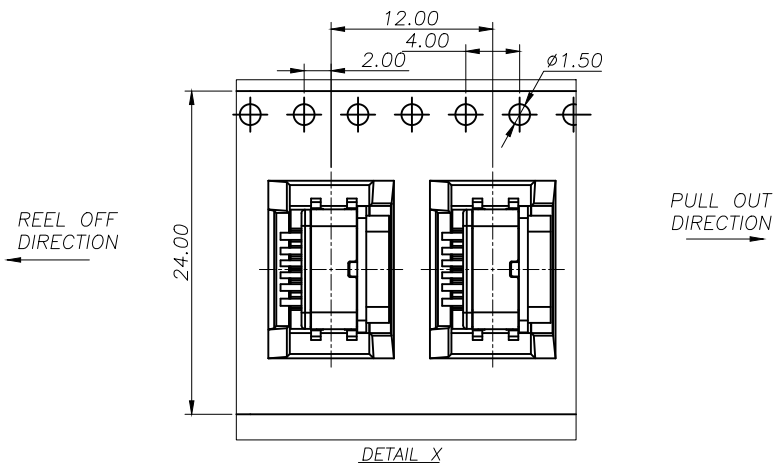
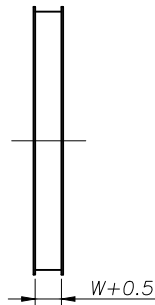
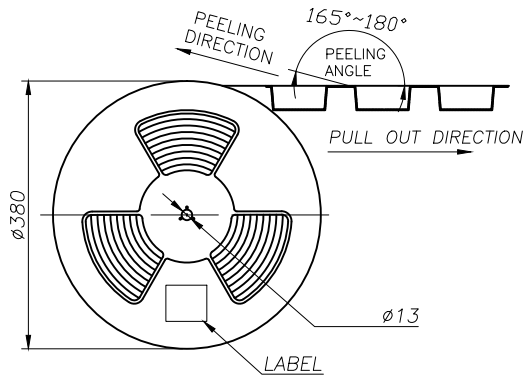
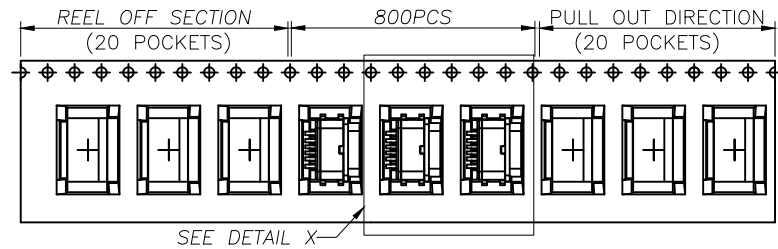


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REV:	ECN. NO.	NAME	DATE



	REEL/TRAY	CARTON
CONNECTOR (PCS)	800	8000

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	
DRAWN BY: Zou Long		PART NO: UC22-1A1H1E003-0HR-28		REV: A	
CHECKED BY: Bob		SIZE: A4		UNIT:mm	
APPROVED BY: QPF		PROJECTION		SHEET:3 OF 3	
				FCN: F9	
				http://www.vitalconn.com	

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