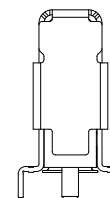
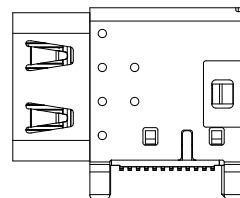
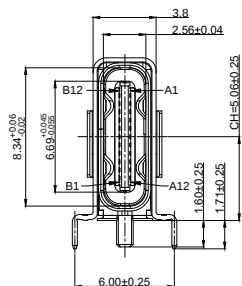
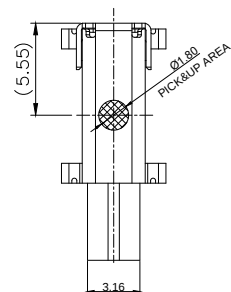
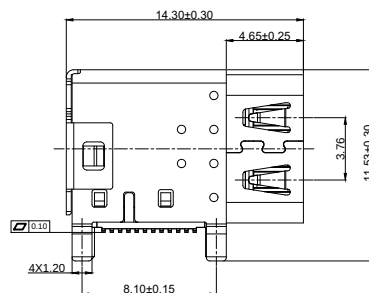




REV:	ECN. NO.	NAME	DATE
A	----	-----	01-01-2025

SPECIFICATION

1. CURRENT RATING : 5.0A FOR Vbus PIN,
1.25A FOR Vconn PIN,
0.25A FOR OTHER PINS.
2. VOLTAGE RATING:5 V DC/AC
3. CONTACT RESISTANCE : 40mΩ.
4. INSULATION RESISTANCE : 100MΩ MIN.
5. DIELECTRIC WITHSTANDING VOLTAGE : 100 VAC MIN.
6. OPERATING TEMPERATURE : -40°C TO +85°C.
7. MATING FORCE : 5~20N.
8. UNMATING FORCE : 8~20N.
9. DURABILITY : 10,000 CYCLES.
10. RECOMMENDED PROCESS :
THE PEAK TEMPERATURE ON THE BOARD SHALL
MAINTAIN 260°C.

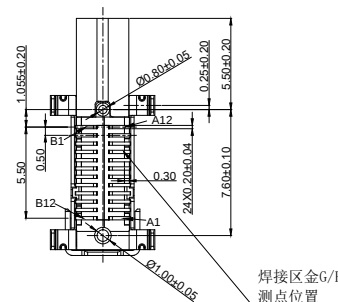


PIN ASSIGNMENT

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	Vbus	CC1	D+	D-	SBU1	Vbus	RX2-	RX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	RX1+	RX1-	Vbus	SBU2	D-	D+	CC2	Vbus	TX2-	TX2+	GND

5	TERMINAL	24	COPPER ALLOY	MATING SIDE: Au Plated see P/N SOLDER TAIL: Gold FLASH, 50u" NICKEL OVERALL.	T=0.12
4	OUT SHELL	1	STAINLESS STEEL	NICKEL PLATING	T=0.30
3	MAIN SHELL	1	STAINLESS STEEL	NICKEL PLATING	T=0.30
2	MID PLATE	1	STAINLESS STEEL	NICKEL PLATING	T=0.15
1	MAIN HOUSING	1	HIGH TEMPERATURE LCP		BLACK UL94V-0
ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH	REMARK

BILL OF MATERIAL



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



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FOR YOUR VITAL CONNECTION

TITLE:

USB Type C 3.2 24PIN SMT
UPRIGHT STRAIGHT TAB

DRAWN BY: Zou Long

PART NO: UC32-1A1H1K103-0HR-30

REV: A

CHECKED BY: Bob

SIZE: A4

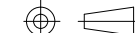
UNIT:mm

SHEET:1 OF 3

FCN: F9

APPROVED BY: QPF

PROJECTION

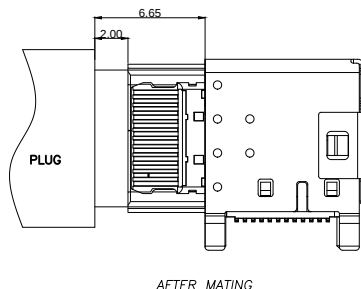


<http://www.vitalconn.com>

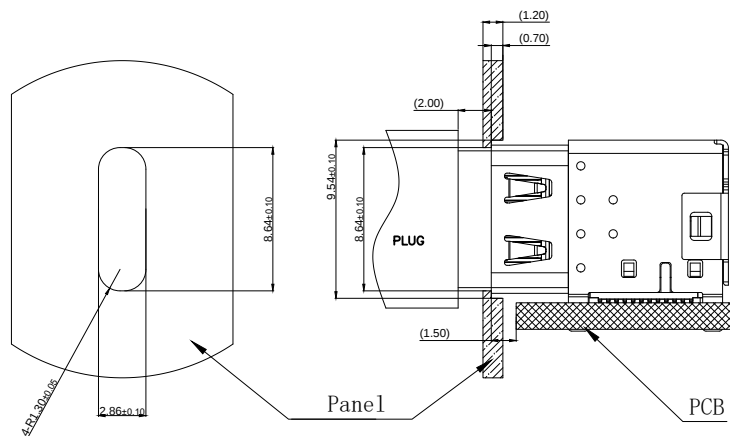
For technical support, please send an email to support@vitalconn.com



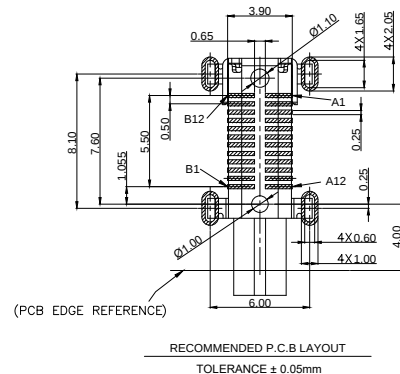
REV:	ECN. NO.	NAME	DATE
A	----	-----	01-01-2025



AFTER MATING



Panel1安装参考示意图



PART NO.:

YCF030-1A1H1K 10X-0H R
K:NKE012-EH

PACKING:
R:TAPE & REEL

CONTACT PLATING:
101= G/F PLATING ON CONTACT AREA;
G/F PLATING ON SOLDER TAIL

103= Au 3u" PLATING ON CONTACT AREA;
G/F PLATING ON SOLDER TAIL

105= Au 5u" PLATING ON CONTACT AREA;
G/F PLATING ON SOLDER TAIL

115= Au 15u" PLATING ON CONTACT AREA;
G/F PLATING ON SOLDER TAIL

130= Au 30u" PLATING ON CONTACT AREA;
G/F PLATING ON SOLDER TAIL

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



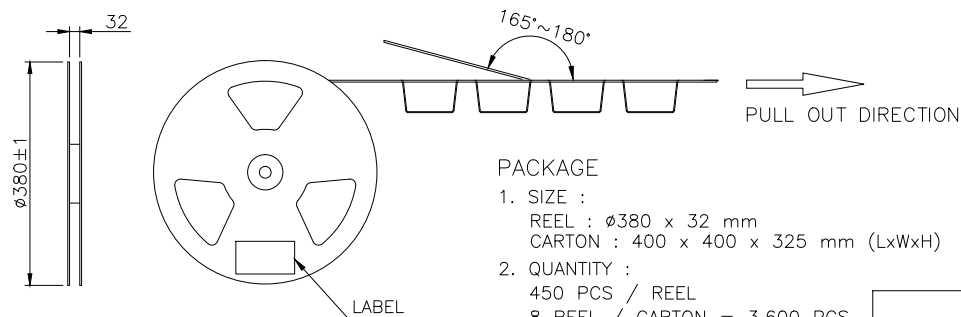
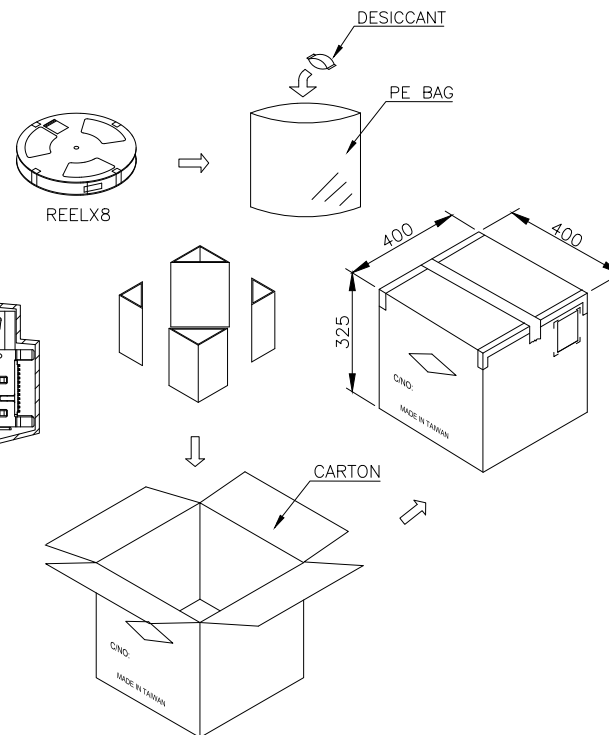
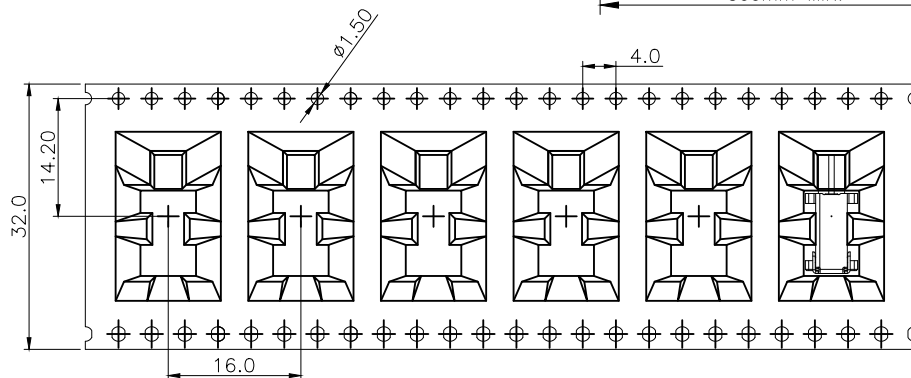
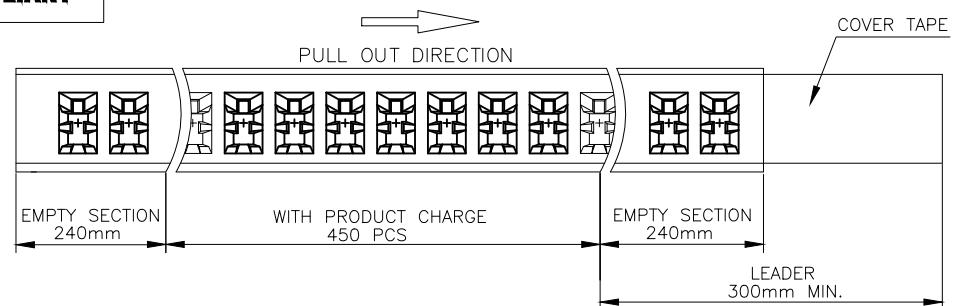
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FOR YOUR VITAL CONNECTION

TITLE:		USB Type C 3.2 24PIN SMT UPRIGHT STRAIGHT TAB		
DRAWN BY:	Zou Long	PART NO:	UC32-1A1H1K103-0HR-30	REV: A
CHECKED BY:	Bob	SIZE: A4	UNIT:mm	SHEET:2 OF 3
APPROVED BY:	QPF	PROJECTION		FCN: F9
		http://www.vitalconn.com		

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



REV:	ECN. NO.	NAME	DATE
A	----	-----	01-01-2025



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

VITALCONN
a vital connector company

勇于创新，志在连接
FOR YOUR VITAL CONNECTION

TITLE:		USB Type C 3.2 24PIN SMT UPRIGHT STRAIGHT TAB	
DRAWN BY:	Zou Long	PART NO:	UC32-1A1H1K103-0HR-30
CHECKED BY:	Bob	SIZE: A4	UNIT:mm
APPROVED BY:	QPF	PROJECTION	
		http://www.vitalconn.com	

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