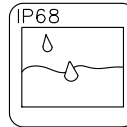
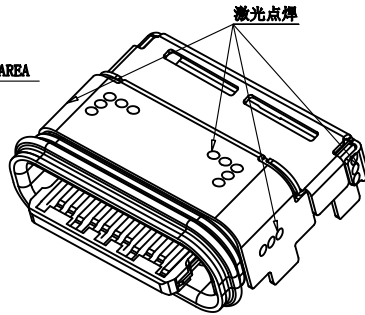
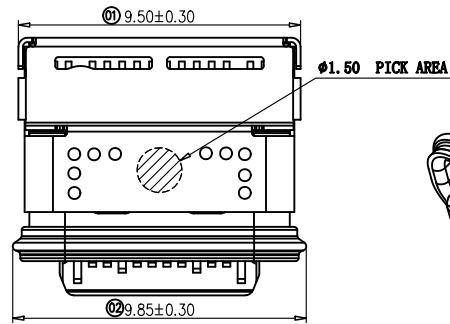




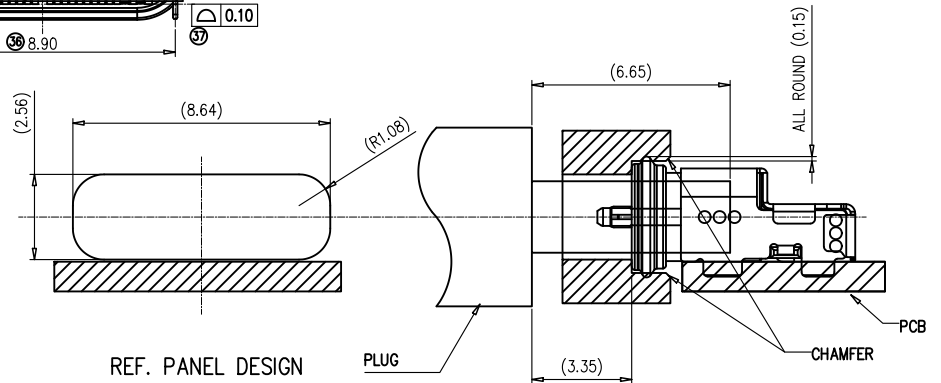
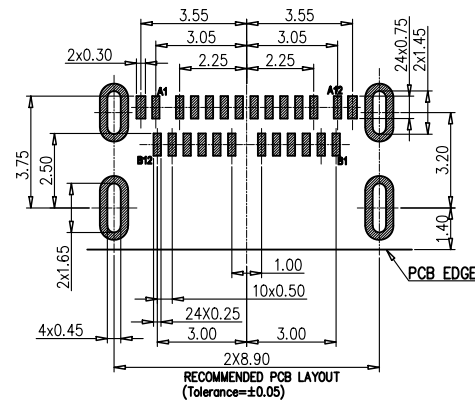
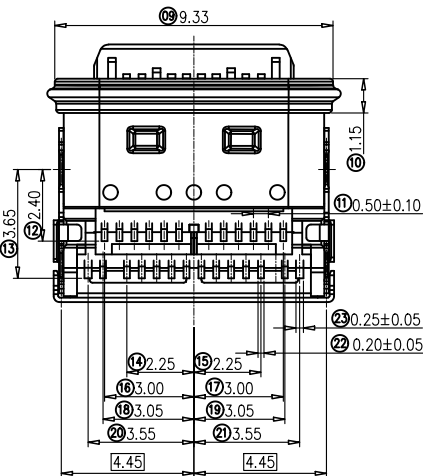
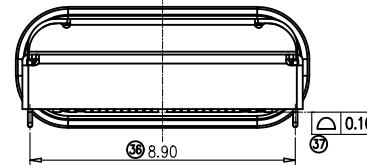
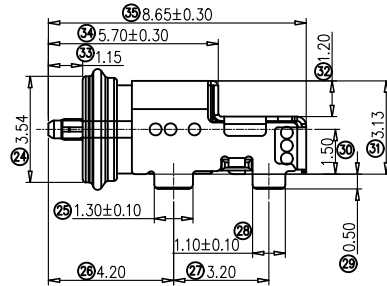
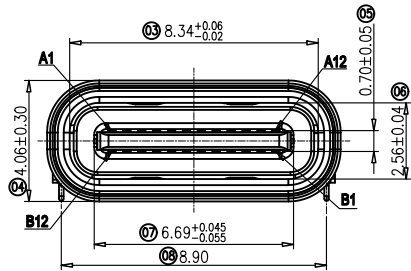
REV:	ECN. NO.:	NAME	DATE
A0	----	-----	04-29-2026



Pin No	Signal Name	Mating Sequence	Pin No	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	TX1+	Second	B11	RX1+	Second
A3	TX1-	Second	B10	RX1-	Second
A4	Vbus	First	B9	Vbus	First
A5	CC1	Second	B8	SBU2	Second
A6	D+	Second	B7	D-	Second
A7	D-	Second	B6	D+	Second
A8	SBU1	Second	B5	CC2	Second
A9	Vbus	First	B4	Vbus	First
A10	RX2-	Second	B3	TX2-	Second
A11	RX2+	Second	B2	TX2+	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	

NOTES:

- MATERIAL:
  - HOUSING: PA46 UL94V-0; COLOR: BLACK
  - TERMINAL: C1814
  - SHELL: SUS304
    - INNER SHELL: SUS304
  - MID PLATE: SUS301
  - SEALING WASHER: SILICA GEL
- FINISH:
  - TERMINAL: Au 15u" MIN. PLATED ON CONTACT AREA; G/F PLATED ON SOLDER AREA; Ni 30u" MIN. UNDERPLATED OVERALL.
  - SHELL: Ni 30u" MIN. PLATED OVERALL.
  - MID PLATE: Ni 30u" MIN. PLATED OVERALL.
- ELECTRICAL SPECIFICATION:
  - RATED CURRENT: VBUS AND GND PIN 5A; Other pin 0.25A
  - CONTACT RESISTANCE: 40mΩ MAX(INITIAL). 50mΩ MAX (AFTER).
  - INSULATION RESISTANCE: 100MΩ MIN.
  - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC.
- MACHINERY SPECIFICATION:
  - MATING FORCE: 5N~20N. UNMATING FORCE: 8N~20N. (AFTER TEST: 6N~20N).
  - DURABILITY: 10000 CYCLES MIN.
- ENVIRONMENTAL SPECIFICATION:
  - OPERATING CONDITION: TEMPERATURE -40°C~+85°C; HUMIDITY 80% R.H MAX
  - SALT SPRAY: 24H
  - SOLDER ABILITY: 245±5°C, 5±0.5s
  - IR REFLOW: THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



MILLIMETERS	INCH
X.° ±2°	X.° ±2°
.X ±0.30	.X ±0.012
.XX ±0.20	.XX ±0.008
.XXX ±0.10	.XXX ±0.004



FOR YOUR VITAL CONNECTION

TITLE: TYPE-C 24P 双排SMT防水型母座,CH=1.50 IPX8

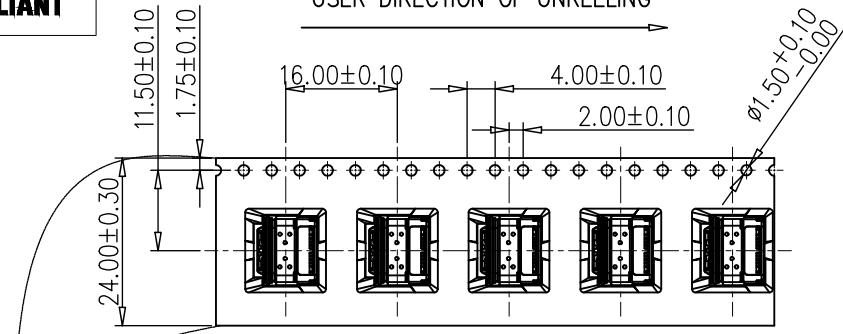
DRAWN BY:	Zou Long	PART NO:	UC3612312E1	SHEET:	1 OF 2	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00151	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com			

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



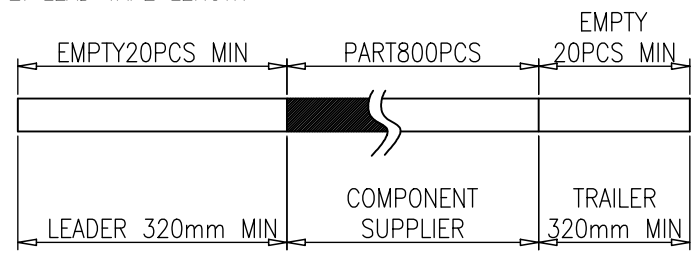
REV:	ECN. NO.	NAME	DATE
A0	----	-----	04-29-2026

USER DIRECTION OF UNREELING



NOTES

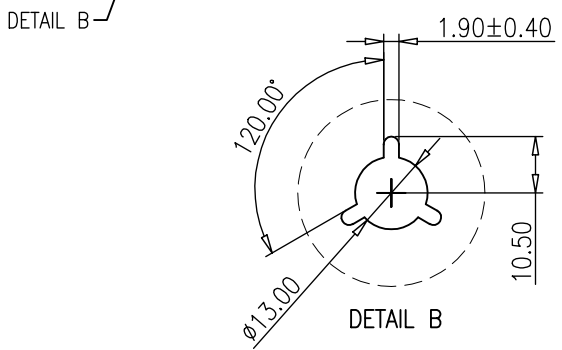
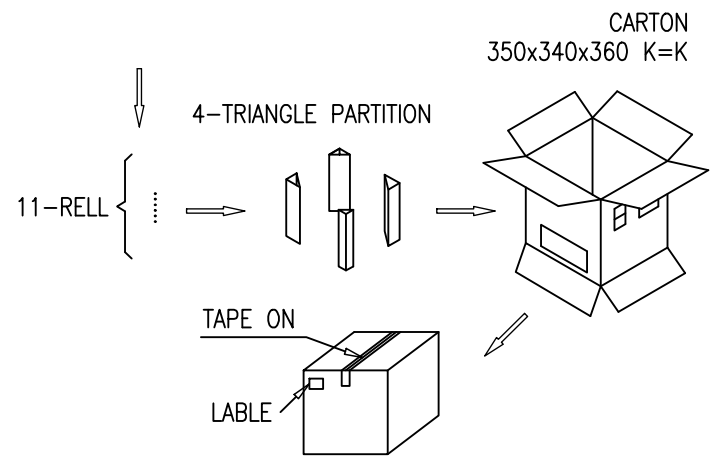
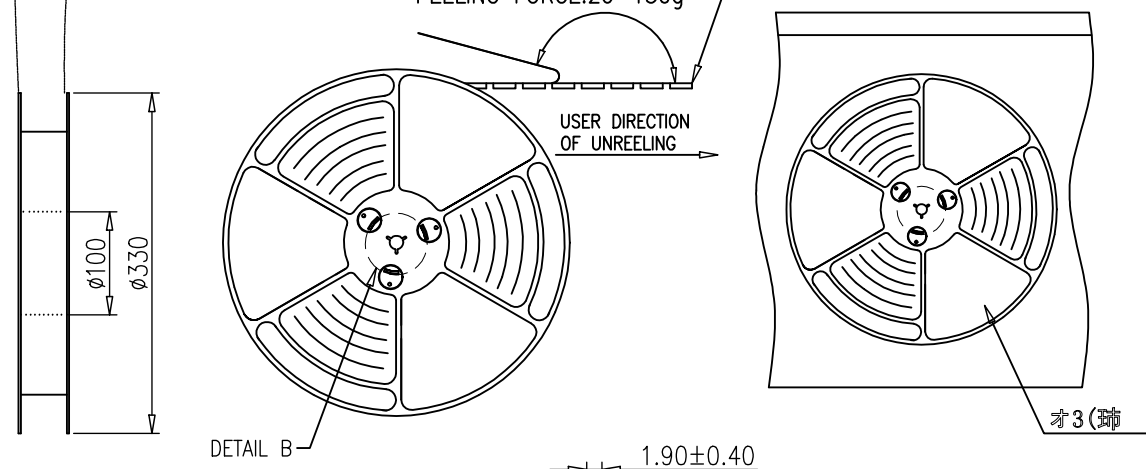
1. NUMBER OF CONNECTORS: 800PCS/REEL
2. LEAD TAPE LENGTH



3. QUANTITY: 8800PCS/CARTON

COVER TAPE PEELING ANGLE: 165°~180°  
PEELING FORCE: 20~130g

CARRIER TAPE



MILLIMETERS	INCH
X.° ±2°	X.° ±2°
.X ±0.30	.X ±0.012
.XX ±0.20	.XX ±0.008
.XXX ±0.10	.XXX ±0.004



FOR YOUR VITAL CONNECTION

TITLE:	TYPE-C 24P 双排SMT防水型母座, CH=1.50 IPX8								
DRAWN BY:	Zou Long	PART NO:	UC3612312E1	SHEET:	2 OF 2	REV:	A0		
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00151	SIZE:	A4	UNIT:	mm	FCN:	E1
APPROVED BY:	QPF	PROJECTION:		<a href="http://www.vitalconn.com">http://www.vitalconn.com</a>					

For technical support, please send an email to [support@vitalconn.com](mailto:support@vitalconn.com)