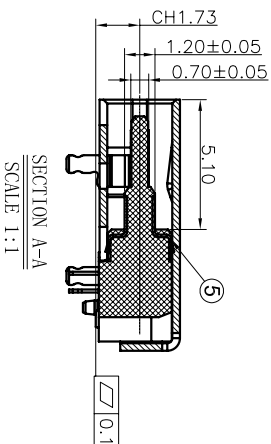
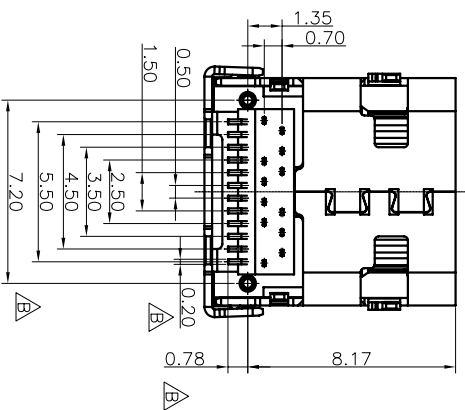
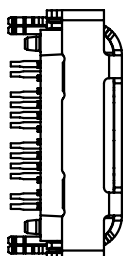
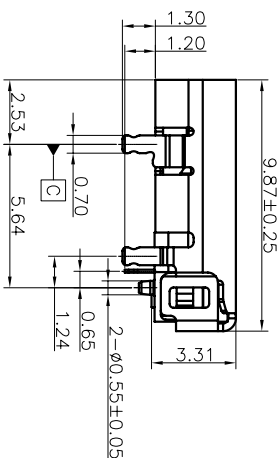
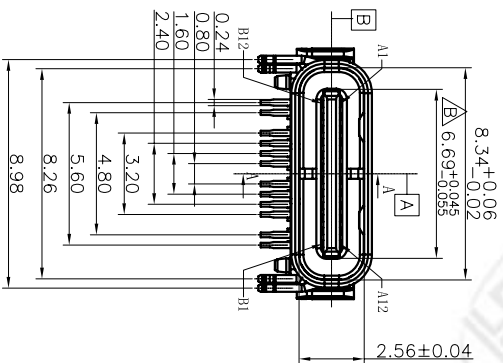
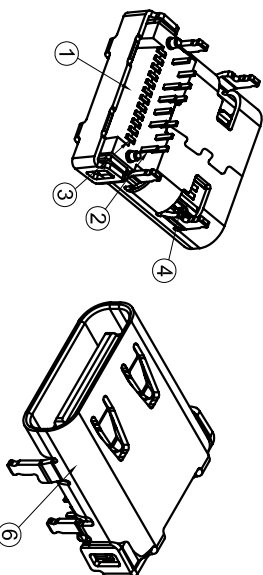
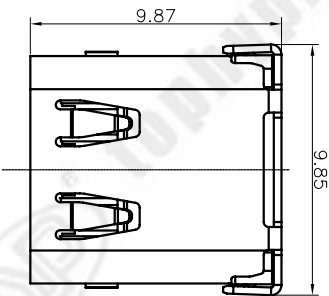


REV	ECN No.	DATE	REMARK
A	NEW	2017.10.05	NEW RELEASE
B	---	2023.09.04	加标尺寸



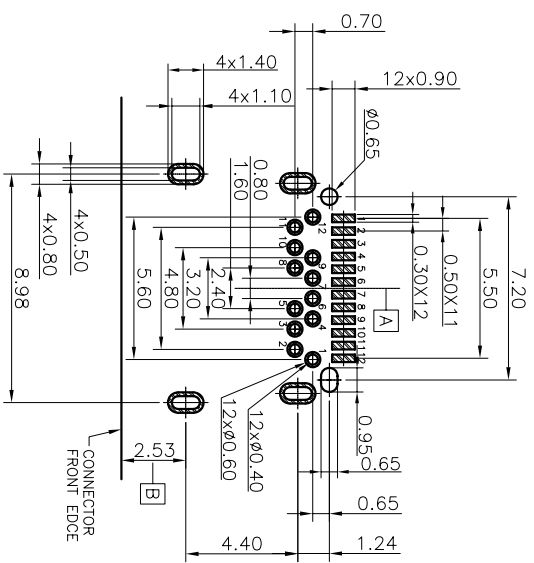
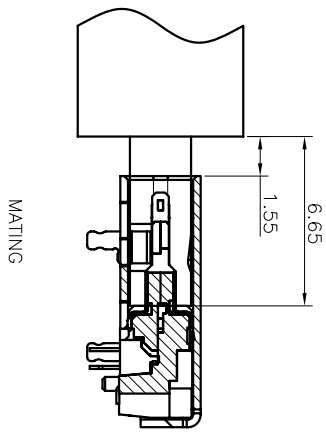
- NOTE:
- Electrical Characteristics:
 - 1-1: Current Rating: 5A For Pin(A4,A9,B4,B9) 1.25A For Pin(B5) 0.25A For Others Pin
 - 1-2: VOLTAGE RATING:5.0/20V
 - 1-3: Insulation Resistance: 100MΩ Min.
 - 1-4: Contact Resistance: VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX. SHIELD:50mΩ/MAX.
 - Mechanical Characteristics:
 - 1-5: Dielectric Withstanding Voltage: 100V/AC 1Minute
 - Insertion Force: 3~20N
 - Extraction Force: 5~20N
 - After durability: 6~20N
 - Durability :10000 Cycles
 - Operating Temperature: -25°C TO +85°C
 - PART NUMBER CODE: TC170-24 S L B XX XX (1)(2) (3) - 02
- (1) HOUSING COLOR: B:BLACK
- (2) CONTACTS PLATED:
- Au 3u" PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW G/F
 - Au 15u" PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW G/F
 - Au 30u" PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW G/F
- (3) PACKING OPTIONS: R:TAPE & REEL
- V.R: TAPE & REEL+真空包装 (专用客户指定包装)

TYPE:

6	SHELL	SUS304 1/2H T=0.30mm	NICKEL 30u" MIN PLATING	TPGS
5	EMI	SUS304 1/2H T=0.10mm	CLEAR ONLY	ZPCS
4	SHIELDING PLATE	SUS301 3/4H T=0.15mm	CLEAR ONLY	TPCS
3	SLIT CONTACT	C18400-H T=0.12mm	IN 50% MIN. UNDER EXPOSED AREA ALL PLATING OF THE SOLDER AREA FOLLOW G/F	1SET
2	DIP CONTACT	C18400-H T=0.12mm	AU 50% PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING OF THE SOLDER AREA	1SET
1	HOUSING	LCP UL94V-0	BLACK	TPCS

PART NO.:	DRAWN BY:	TITLE
SEE THE PART NUMBER CODE	K:DJNG	HON YUAN
GENERAL TOLERANCES	CHECKED BY:	HON YUAN PRECISION IND. CO.,LTD.
X.XXXXX ± ---	S.L.U	SHEENZHEN, CHINA, R.O.C.
X.XXXX ± 0.10	APPROVED BY:	USB TC TYPE 24PIN DIP+SMT CONN
X.XXX ± 0.25	W.P.LU	
X.X ± 0.30		
ANGULAR ± --°		
	UNIT	SCALE
	mm	1:1
		SHEET NO. 1 OF 2
		DWG.NO. TC170-24SL B12R-02
		Frame size: A4

REV	ECN No.	DATE	REMARK
A	NEW	2017.10.05	NEW RELEASE
B	---	2023.09.04	加标尺寸



RECOMMEND P.C.B. LAYOUT(T=1.00mm)
TOLERANCE UNSPECIFIED ±0.05mm

PIN DEFINITION:

PIN No.	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME	GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND

PIN No.	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND

PART NO.:

DRAWN BY:

HON YUAN

SEE THE PART NUMBER CODE
KADING
HON YUAN PRECISION IND. CO.,LTD.
SHENZHEN, CHINA, R.O.C.

GENERAL TOLERANCES
CHECKED BY:
S.L.I.
TITLE
USB TC TYPE 24PIN DIP+SMT CONN

x.xxxx ± ---
x.xxx ± 0.10
x.xx ± 0.25
x.x ± 0.30
ANGULAR ± ---°

APPROVED BY:
W.P.LIU

UNIT mm
SCALE 1:1
SHEET NO. 2 OF 2
DWG. NO. TC170-24SL B2R-02

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