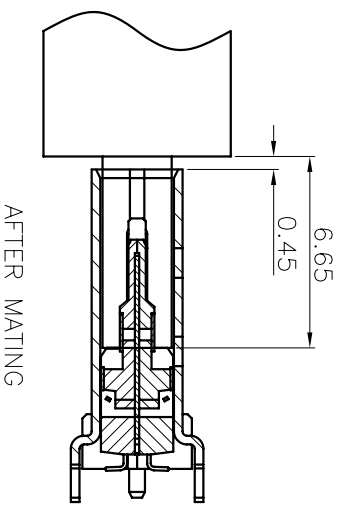
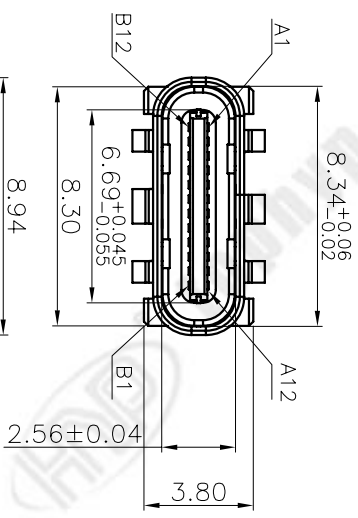
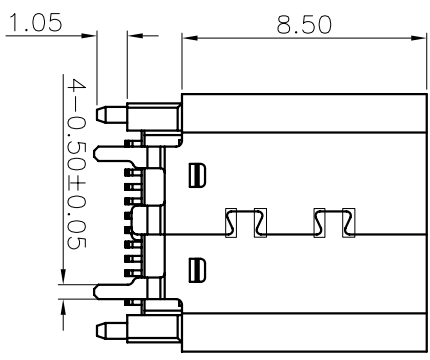
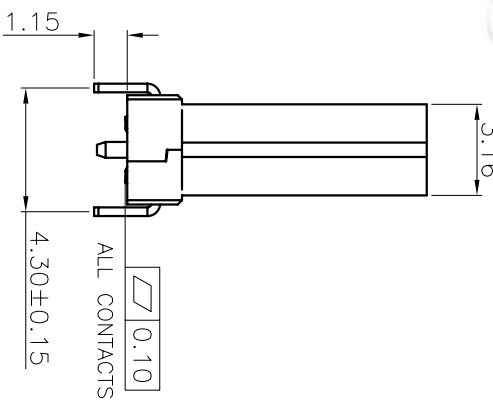
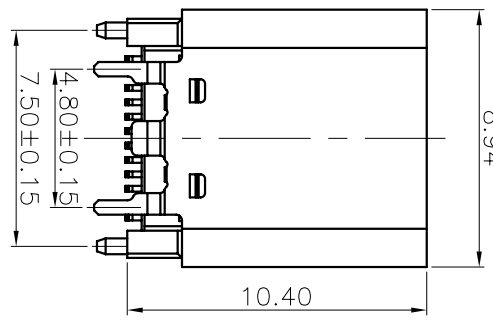




AFTER MATING



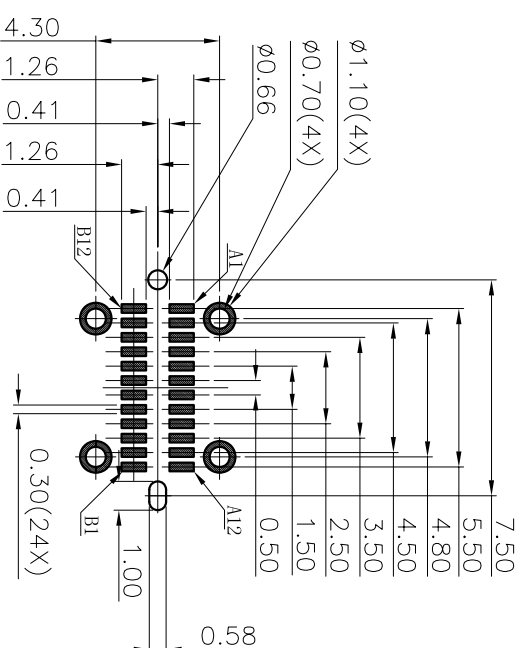
- NOTE:
1. MATERIAL SPECIFICATION:
1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC (LCP), UL94 V-0.
2. CONTACTS: COPPER ALLOY (C18150) T=0.12mm
3. MID PLATE: STAINLESS STEEL (SUS301) T=0.15mm
4. EMI PLATE: STAINLESS STEEL (SUS301) T=0.10mm
5. SHELL: STAINLESS STEEL (SUS304) T=0.30mm
2. PLATING SPECIFICATION:
- 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 & OUTER SHELL:
- Ni 30u" MIN. UNDER PLATED OVER ALL.
- 2-3 MID PLATE:
- CLEAR ONLY
- 2-4 EMI PLATE:
- CLEAR ONLY
3. MECHANICAL PERFORMANCE:
- 3-1 INSERTION FORCE: 0.5~2.0kgf
- 3-2 EXTRACTION 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. LCR:
- VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
- SHIELD: 50mΩ/MAX
- LCR 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:
5. 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. PART NUMBER CODE:

T C175 - 24 S L X XX R - C3
(1) (2)

(1) HOUSING COLOR: (2) CONTACTS PLATED:
B: BLACK 02: 半金鍍50u"
N: 本色 04: 半金鍍150u"
05: 半金鍍50u"

PART NO.:		HON YUAN		DRAWN BY		DATE	
SEE THE PART NUMBER CODE		HON YUAN PRECISION IND. CO., LTD.		K.DING		2019.11.21	
		SHENZHEN, CHINA, R.O.C.					

QUALITY SYMBOL		TITLE		CHECKED BY		DATE	
▽= 0	▽= 0	USB 3.1 TYPE C FEMALE VERTICAL H10.4mm SMT TYPE-一体成型		S.L.I		2019.11.21	
GENERAL TOLERANCES (UNLESS SPECIFIED)		DWG. NO.		SHEET NO.			
X.XXXX	± ---	TC175-24SLB02R-C3		1 OF 2			
X.XXX	± 0.10	DIMENSION STYLE		DESIGN UNITS		SCALE	
X.XX	± 0.25	MM ONLY		METRIC		1:1	
X.X	± 0.30						
ANGULAR	± --°						
				APPROVED BY		DATE	
				W.P.LU		2019.11.21	
						THIRD ANGLE PROJECTION	



PART NO.: SEE THE PART NUMBER CODE	HON YUAN HON YUAN PRECISION IND. CO., LTD. SHENZHEN, CHINA, R. O. C.	DRAWN BY K.DING	DATE 2019.11.21		THIRD ANGLE PROJECTION	QUALITY	SYMBOL
						 = 0	 = 0
						GENERAL TOLERANCES (UNLESS SPECIFIED)	
						X.XXXXX	± ---
						X.XXXX	± 0.10
						X.XXX	± 0.25
X.XX	± 0.30						
ANGULAR	± ---	DIMENSION STYLE		DESIGN UNITS	SCALE	SHEET NO.	
TCL175-24SLB02R-C3		MM ONLY		METRIC	1:1	2 OF 2	
TITLE		USB 3.1 TYPE C FEMALE VERTICAL H10.4mm SMT TYPE—体式成型		DWGNO.		APPROVED BY	
						DATE	
						2019.11.21	
						W.P.Lu	

RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 1.5±0.10MM;DEFAULT TOLERANCE:±0.05