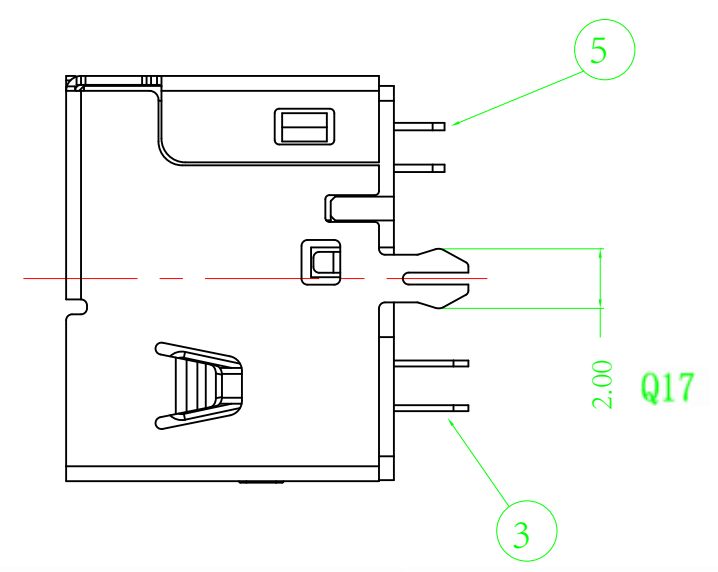
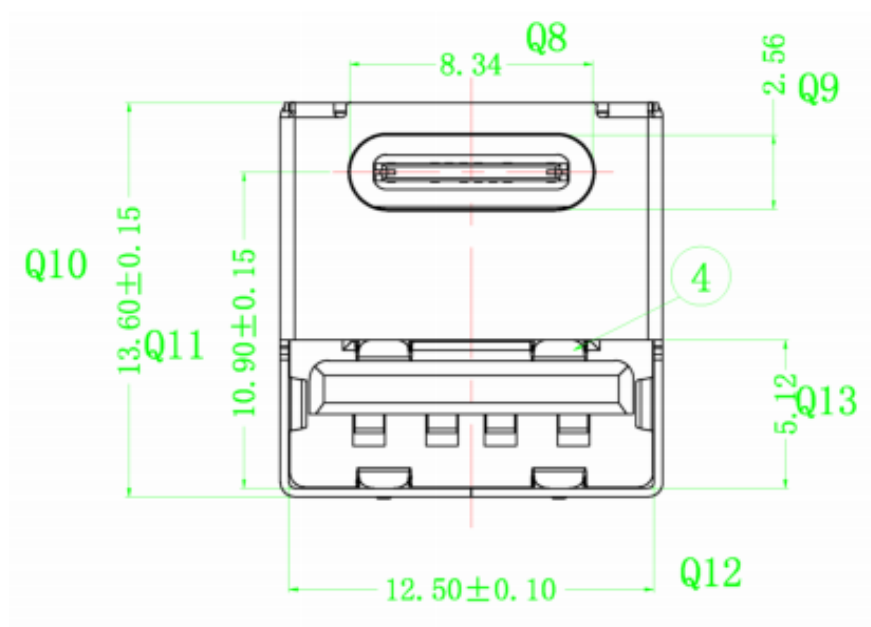
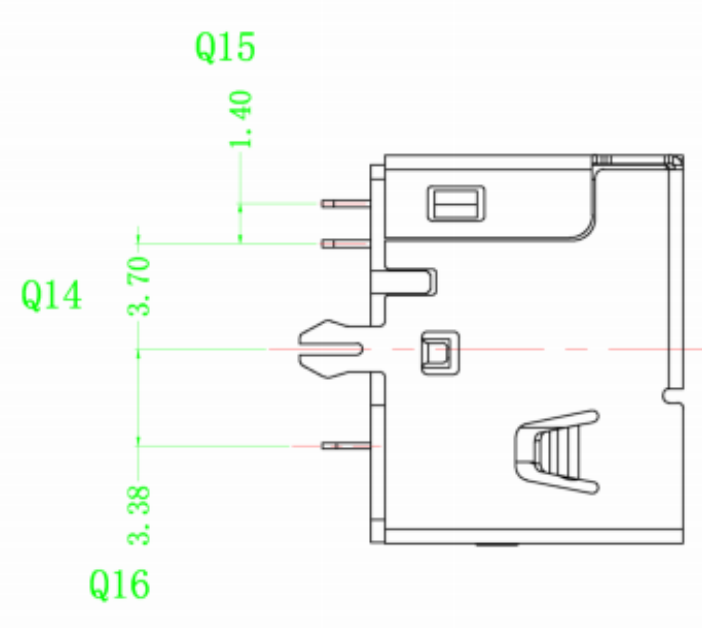
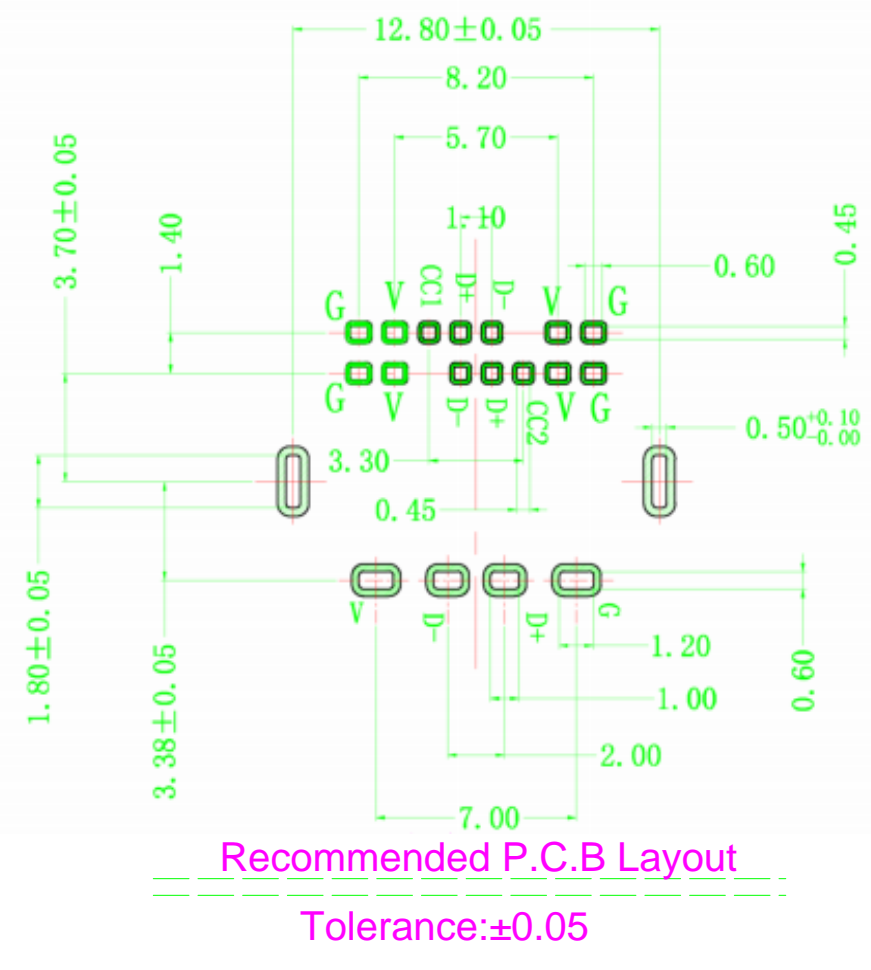
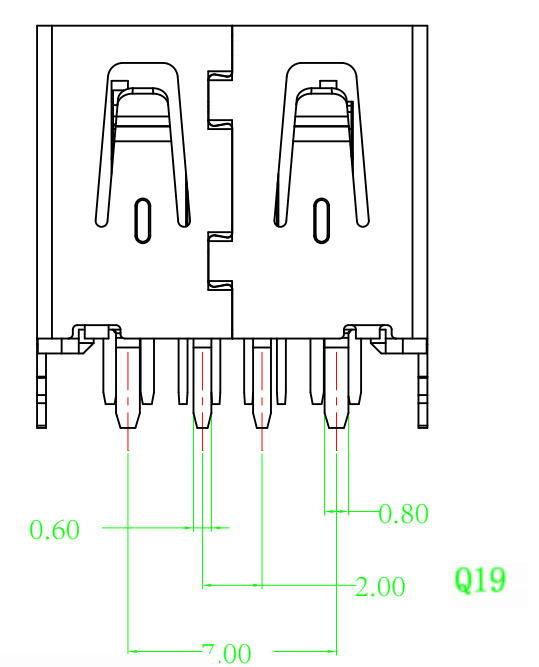


- Notes:
- 1. Mechanical Performance:**
- 1.1 Insertion Force: 5~20N.
  - 1.2 Withdrawal Force: 5~20N
  - 1.3 Durability: 1000 CYCLES.
- 2. Electrical Performance:**
- 2.1 Rated Current: 5A MAX.
  - 2.2 Rated Voltage: 30V MAX.
  - 2.3 Withstand Voltage: 100V AC.
  - 2.4 Contact Resistance: 40m MAX (Initial), 50m MAX (after 5,000 cycles).
  - 2.5 Insulation Resistance: 100M MIN.
- 3. Environmental Temperature:**
- 3.1 Temperature Range: -30°C ~ +85°C.
  - 3.2 Salt Spray: 24 hours.
- 4. Dimensional Markings:**
- Marked with "ⓧ" indicates FAI dimensions.
- Marked with "▽" indicates critical inspection dimensions.
- Marked with "Ⓢ" indicates CPK inspection dimensions.



UT20FJ014 SX 02ZA

- S0:G/F Gold In Contact Area 100u" Tin In Tail Area
- S1:1U" Gold In Contact Area 100u" Tin In Tail Area
- S3:3u" Gold In Contact Area 100u" Tin In Tail Area
- S4:5u" Gold In Contact Area 100u" Tin In Tail Area
- S5:15u" Gold In Contact Area 100u" Tin In Tail Area
- S6:30u" Gold In Contact Area 100u" Tin In Tail Area




PIN DEFINITION

FRONT VIEW

A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND			VBus		D-	D+	CC	VBus			GND
GND			VBus	Vconn				VBus			GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

7	Type C Molding	LCP+30GF	BLACK	UL 94V-0
6	Type C Center Piece	SUS201-H		
5	Type C Terminal	C2680-H		Plated: G/F Tin 80-120u"Ni:30u"
4	Intermediate Layer	SUS201-1/4H		
3	USB Terminal	C2680-H		Plated: G/F Tin 80-120u"Ni:30u"
2	Shell	C2680-H/SPCC		Ni :40-60"
1	Main Body Core	LCP+30GF	BLACK	UL 94V-0
Serial Number	Description	Material	Color	Remarks

GND			VBUS	D-	D+	CC	VBUS	GND							General Tolerance				Material			Shenzhen Kinghelm Electronics Co., Ltd.					www.kinghelm.net		
GND			VBUS	VCONN			VBUS	GND							DIM	TOL	AMG	TOL	Material Specification			KH-TYPE-14P+USB-Z-H							
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11					B12	X.	± 0.5	X.	± 0.5	Drawing	Bai min		Product Name	Type-C Female Socket 14PIN + USB 2.0 Female Single-sided Dual-in-one, 180-degree Copper Shell Beige					
																.X	± 0.3	.X	± 0.3	Design	Xu bo		Item Number	UT20FJ014S004ZA					
																.XX	± 0.2	.XX	± 0.2	Review	Deng yuanjie		Drawing Number					Version	A
				A	Original Release				21-03-10				Bai hualin	.XXX	± 0.1	.XXX	± 0.1	Approval	Bai hualin		Unit	MM	Scale	1 : 1	Page Number	1 / 1	Perspective		
ECN (DCN) NO.				Version	Description of Content				Date		Change	Approval							Approval	Bai hualin		Unit	MM	Scale	1 : 1	Page Number	1 / 1	Perspective	