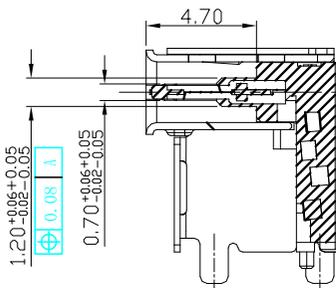
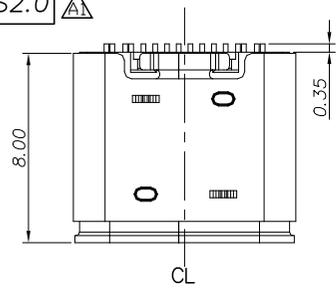


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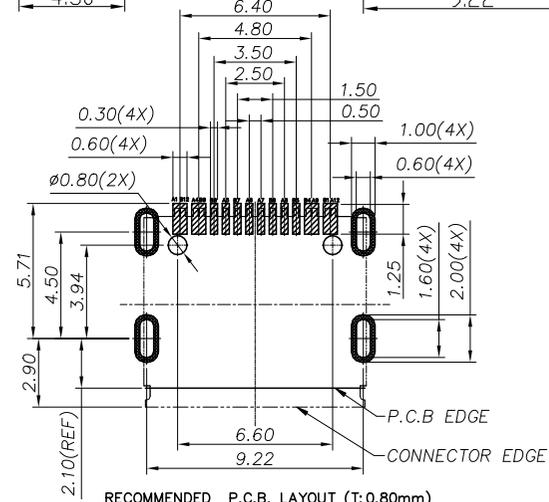
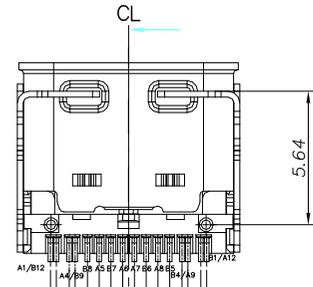
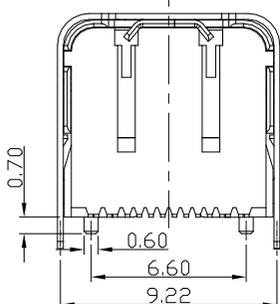
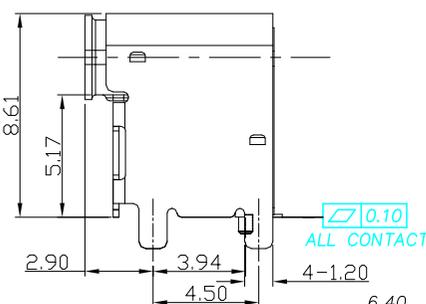
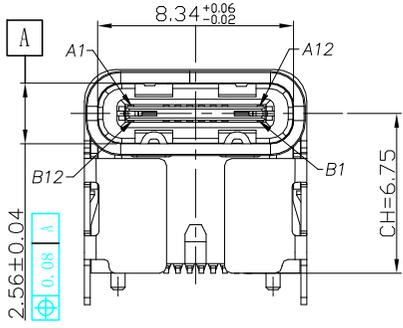


A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

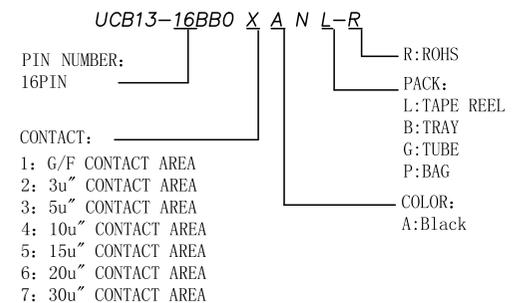
- NOTE:
- MATERIAL SPECIFICATION:
 - HOUSING-HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - CONTACTS-COPPER ALLOY
 - MID PLATE: STAINLESS STEEL
 - FRONT SHELL: STAINLESS STEEL
 - TOP SHELL: STAINLESS STEEL
 - PLATING SPECIFICATION:
 - CONTACTS:
 - Ni 50μ" MIN. UNDER PLATED OVER ALL.
 - Au 3μ" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 - Au G/F PLATED ON SOLDER AREA.
 - FRONT SHELL&TOP SHELL:
 - Ni 30μ" MIN. UNDER PLATED OVER ALL.
 - MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
 - ELECTRICAL PERFORMANCE,
 - CURRENT RATING:5.0A
VOLTAGE RATING:5.0V
 - LLCR:
 - VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX.
 - SHIELD: 50mA/MAX.
 - LLCR MAX. CHANGE OF ALL PINS: 10mA
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
 - ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -25°C~+85°C.
 - THE PEAK TEMPERATURE ON THE BOARD SHALL
 - IR REFLOW:
 - BE MAINTAINED FOR 10 SECONDS AT 260°C.
 - SALT FOG:48H

SECTION

PIN ASSIGNMENTS

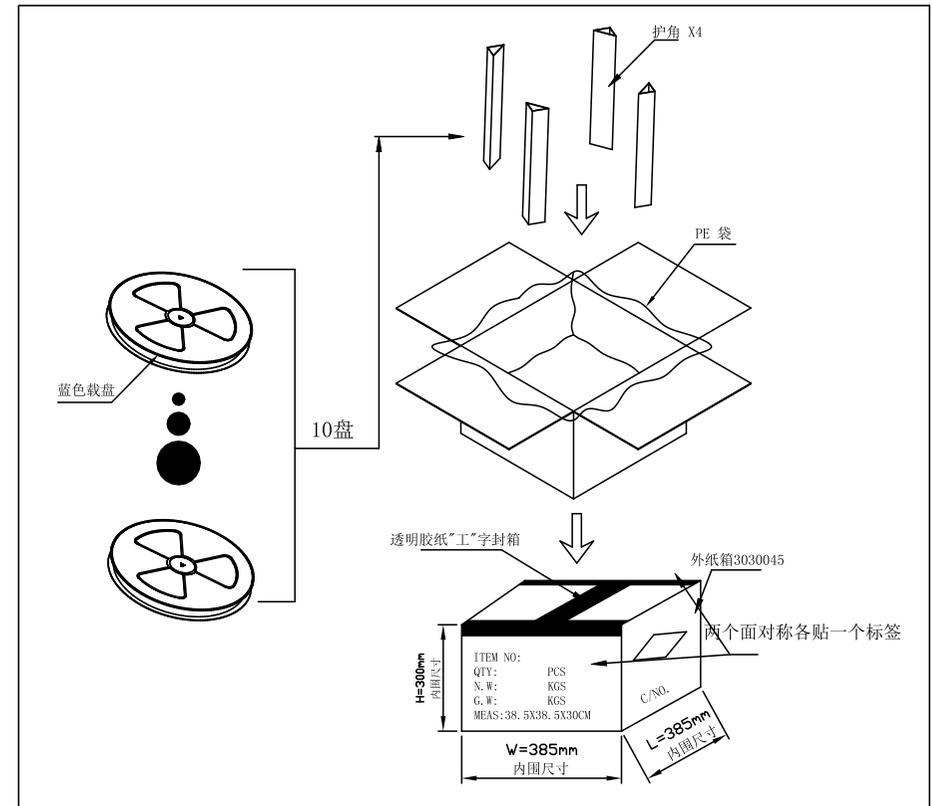
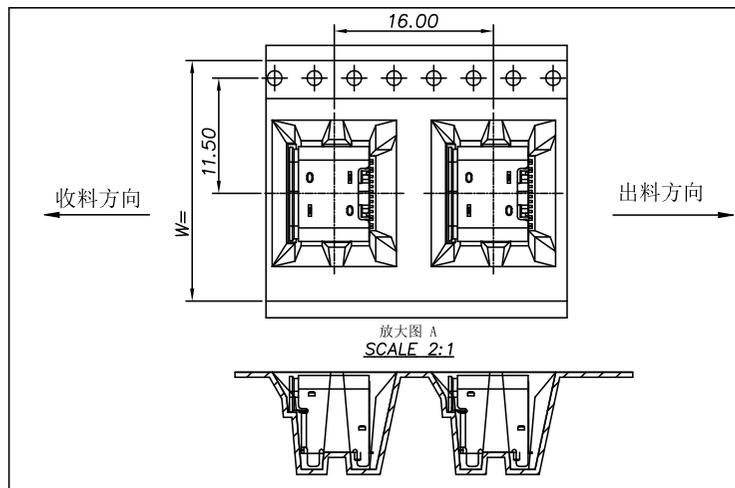
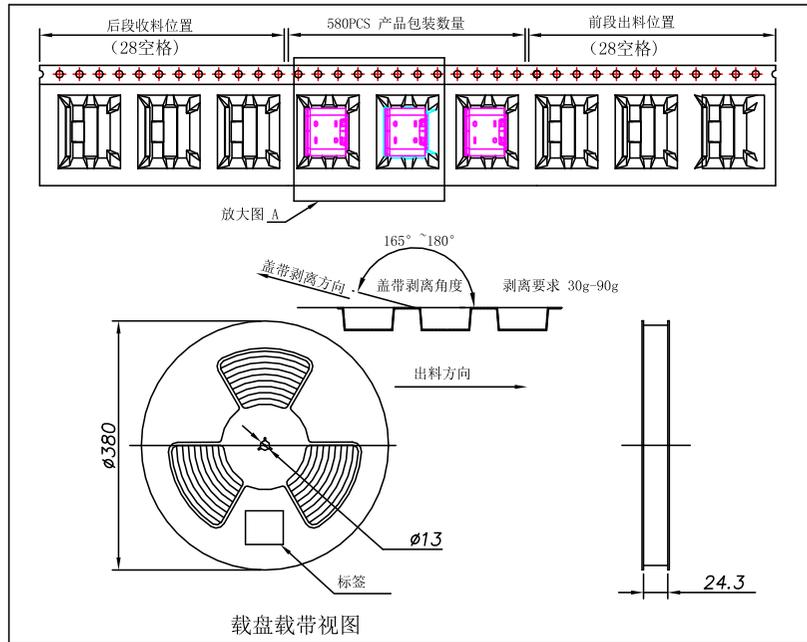


RECOMMENDED P.C.B. LAYOUT (T:0.80mm)
TOLERANCE UNSPECIFIED ±0.05mm



REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.	
A0	NEW RELEASE	2020. 10. 8	LINER	ANGLES	1:1	SKY	2022. 12. 29	UCB13-16BB02ANL-R	ENDE05	
A1	Change frame	2022. 12. 29	0.0±0.35	X° REF±2°	APPROVED	GSQ	2022. 12. 29	TITLE USB TYPE-C 16PIN SMT LCP Black Terminal gold plating 3u Nickel plating on stainless steel iron shell (CH:6.75)	REV A1 SHEET 1/2	
			UNIT: MM	0.00±0.25	DESIGNER	YYG	2020. 10. 8			

RoHS2.0



PCS/REEL	PCS/CARTON
580	5800

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.			
A0	NEW RELEASF	2020. 10. 8		LINEAR	ANGLES	APPROVED	SKY	2020. 10. 8	UCB13-16BB02ANL-R	ENDE10			
			0.0±0.25	X.X° ±5°	DESIGNER	-	-	TITLE	USB TYPE-C 16PIN SMT LCP Black Terminal gold plating 3u Nickel plating on stainless steel iron shell (CH:6.75)				
			UNIT: MM	0.00±0.20	X.XX° ±3°	DRAWN	YYG	2020. 10. 8					
			SIZE: A3	0.000±0.15	X.XXX° ±1°					REV	A0	SHEET	2/2

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