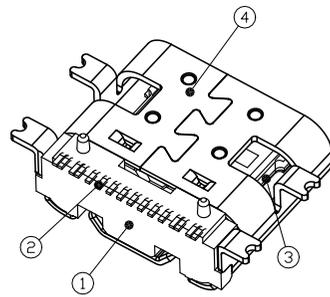
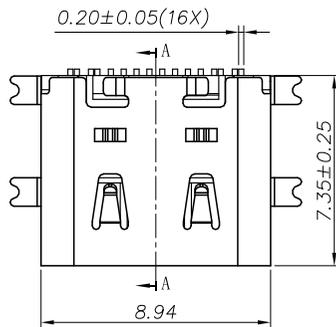
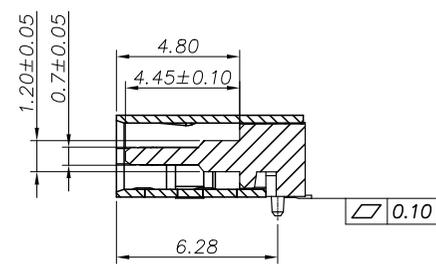
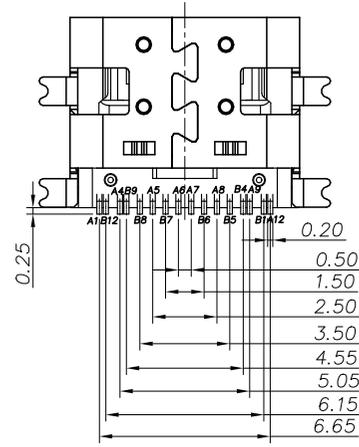
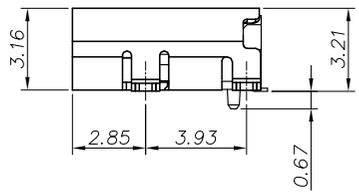
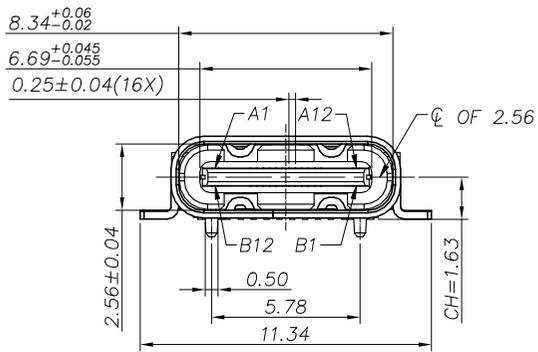


RoHS2.0



NOTE:  
 1.MATERIAL SPECIFICATION:  
 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.  
 2.TERMINAL: COPPER ALLOY(C1814)  
 3.MID PLATE: STAINLESS STEEL(SUS301)  
 4.FRONT SHELL: STAINLESS STEEL(SUS304)  
 2.PLATING SPECIFICATION:  
 2-1.TERMINAL:  
 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:  
 PLATING SPECIFICATIONS FOLLOW THE P/N  
 2-3.MID PLATE PLATE:  
 CLEAR ONLY  
 3.MECHANICAL PERFORMANCE,  
 3-1.INSERTION FORCE: 0.5~2.0kgf.  
 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.  
 3-3.DURABILITY: 10000 CYCLES.  
 4.ELECTRICAL PERFORMANCE,  
 4-1. VOLTAGE RATING:5 V DC/AC (RMS. max)  
 CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;  
 1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.  
 4-2. LLCR:  
 VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX.  
 SHIELD: 50mA/MAX.  
 LLCR MAX. CHANGE OF ALL PINS: 10mA.  
 4-3.INSULATION RESISTANCE: 100MΩ MIN  
 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.  
 5. ENVIRONMENTAL PERFORMANCE:  
 OPERATING TEMPERATURE: -25°C~+85°C.  
 6.IR REFLOW:  
 THE PEAK TEMPERATURE ON THE BOARD SHALL  
 BE MAINTAINED FOR 10 SECONDS AT 260°C.

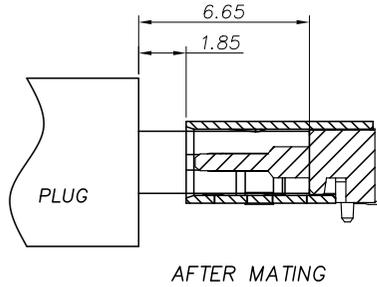


UCB11-16 B B 0 1 A N L-R

Contact Area plating on contacts:  
 1: G/F 2: Au 3u" 3: Au 5u"  
 4: Au 10u" 5: Au 15u"  
 H:HF R:ROHS  
 Packing:  
 B: Tray  
 L: Tape reel  
 Color:  
 K: WHITE  
 A: BLACK

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.	
A0	NEW RELEASE	2020.06.15		LINER	1:1	SKY	2020.06.15	UCB11-16BB01ANL-R	ENDPW05	
				ANGLES	APPROVED	-	-	TITLE		
			UNIT: MM	0.00±0.25	DESIGNER	YYG	2020.06.15	USB CF 16PIN (L=7.35) WITH POST		
			SIZE: A1	X.X±0.10	DRAWN				REV A0 SHEET 1/3	

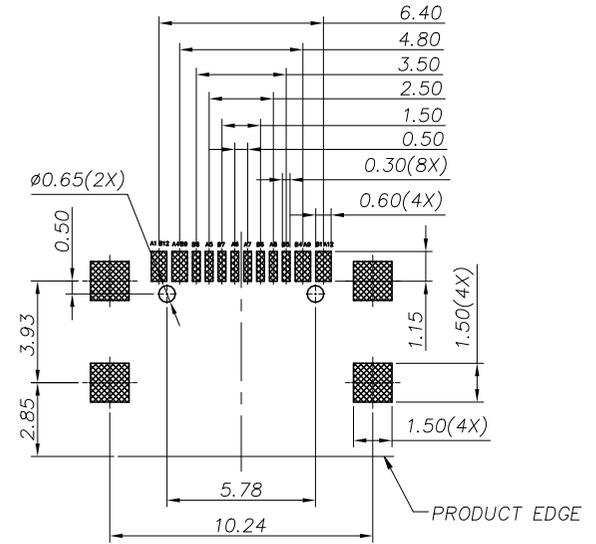
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AFTER MATING

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.		
A0	NEW RELEASE	2020.06.15			LINEAR	ANGLES	APPROVED	SKY	2020.06.15	UCB11-16BB01ANL-R		ENDPW05
			UNIT: MM	0.0±0.30	X. ±0.50	DESIGNER	-	-	TITLE			
			SIZE: A1	0.00±0.25	X. X±0.20	DRAWN	YYG	2020.06.15	USB CF 16PIN (L=7.35) WITH POST			
					X. XX±0.10				REV	A0	SHEET	2/3

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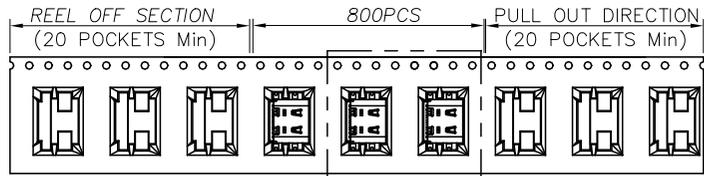
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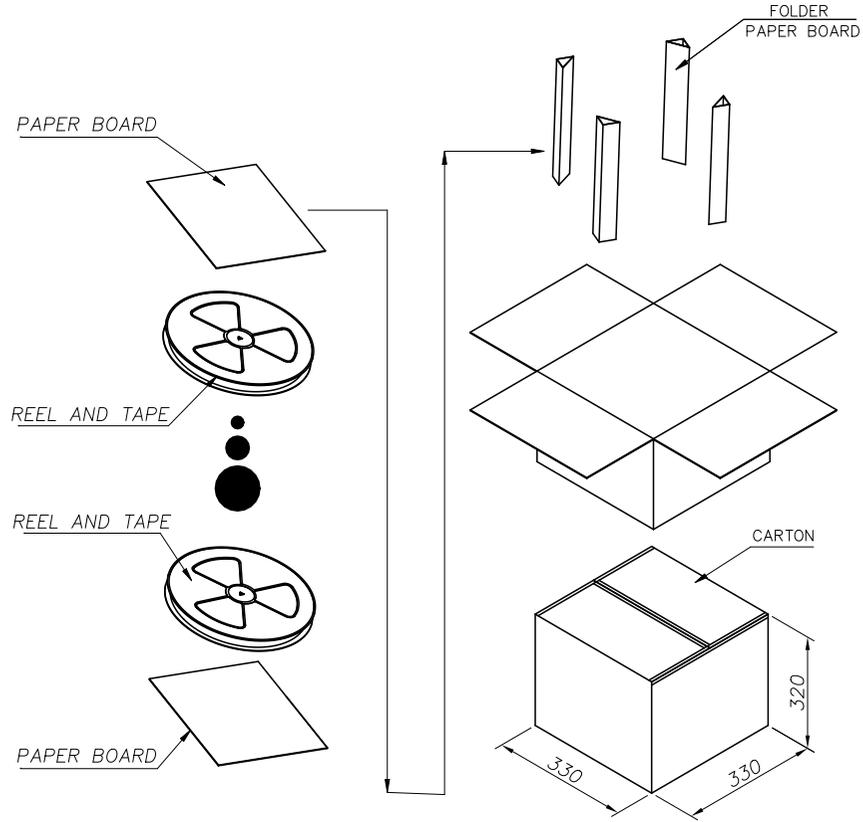
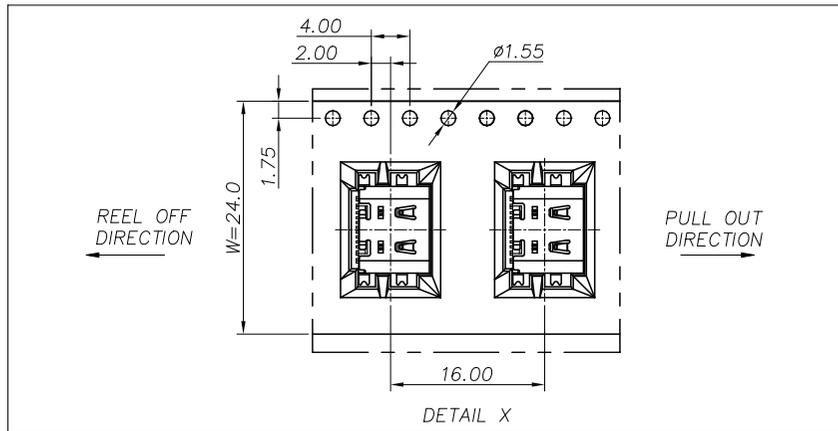
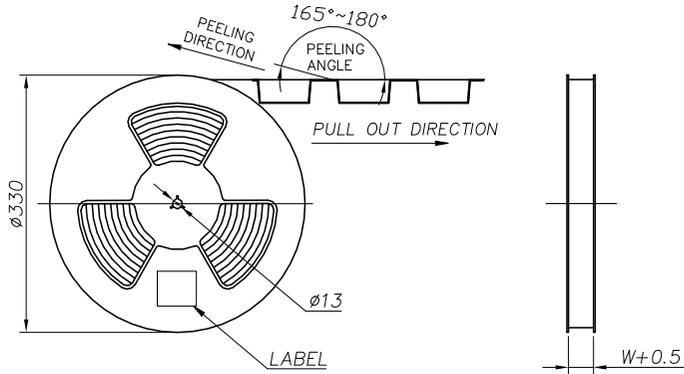
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SEE DETAIL X



REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.		
A0	NEW RELEASE	2020.06.15		LINEAR	ANGLES	APPROVED	SKY	2020.06.15	UCB11-16BB01ANL-R	ENDPW05		
			UNIT: MM	0.00±0.25	X.X±0.20	DESIGNER	-	-	TITLE			
			SIZE: A1		X.XX±0.10	DRAWN	YYG	2020.06.15	USB CF 16PIN (L=7.35) WITH POST (PACKING DRAWING)			
									REV	A0	SHEET	3/3

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