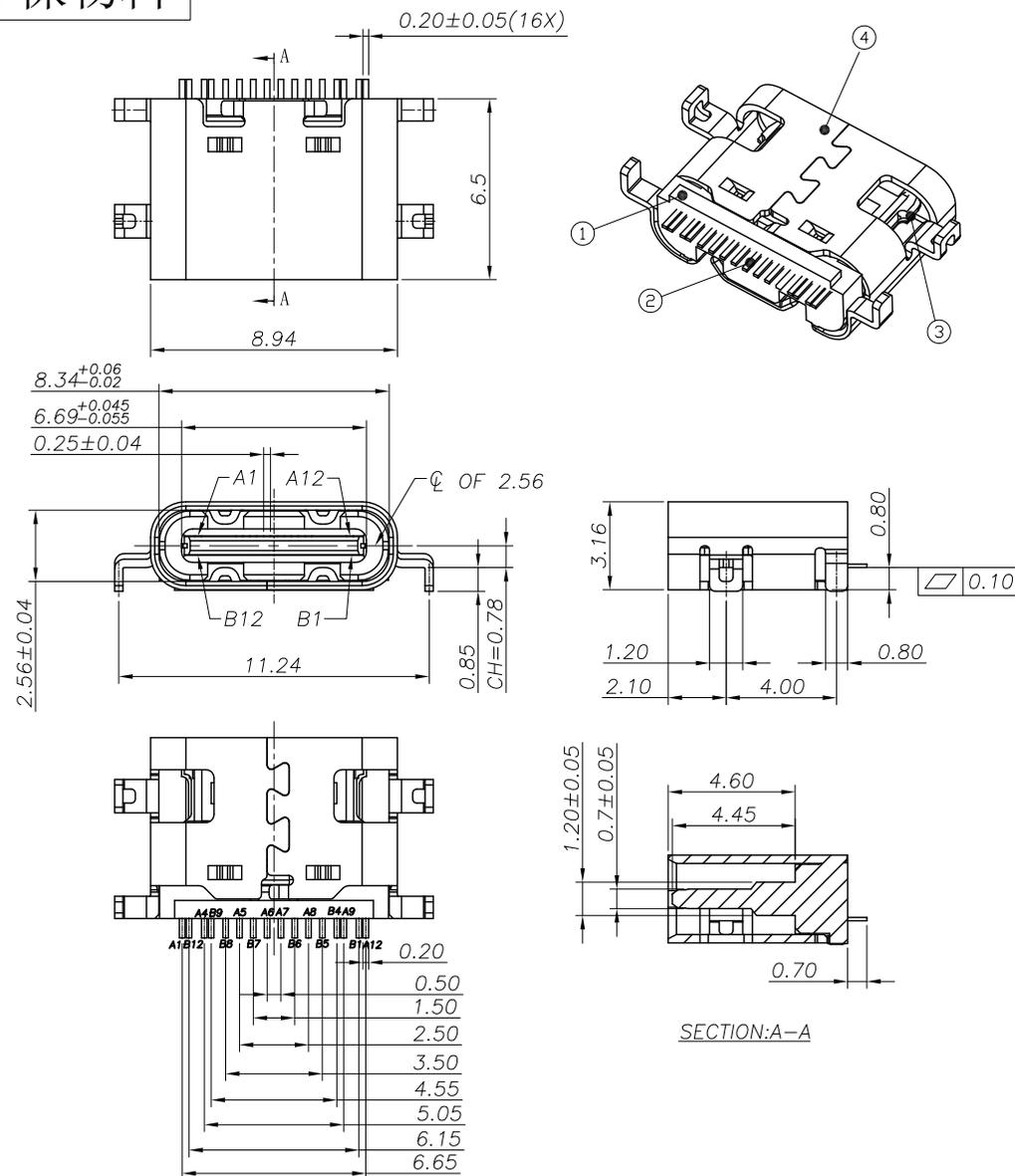


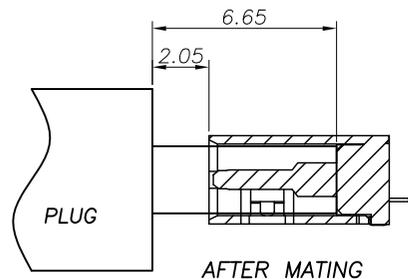
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NOTE:
 1.MATERIAL SPECIFICATION:
 1.HOUSING:PA9T,UL94 V-0. BLACK
 2.TERMINAL: COPPER ALLOY(C1814)
 3.MID PLATE: STAINLESS STEEL(SUS301)
 4.FRONT SHELL: STAINLESS STEEL(SUS304)
 2.PLATING SPECIFICATION:
 2-1.TERMINAL:
 Ni 50u" MIN. UNDER PLATED OVER ALL.
 Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 (GOLD PLATING THICKNESS FOLLOW THE P/N)
 Au 1u" PLATING ON THE SOLDER AREA
 2-2.FRONT SHELL:
 Ni 50u" MIN. PLATED OVER ALL.
 2-3.MID 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: 40mΩ/PIN MAX.
 SHIELD: 50mΩ/MAX.
 LLCR 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:
 OPERATING TEMPERATURE: -25℃~+85℃.
 6.IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
 BE MAINTAINED FOR 10 SECONDS AT 260℃.

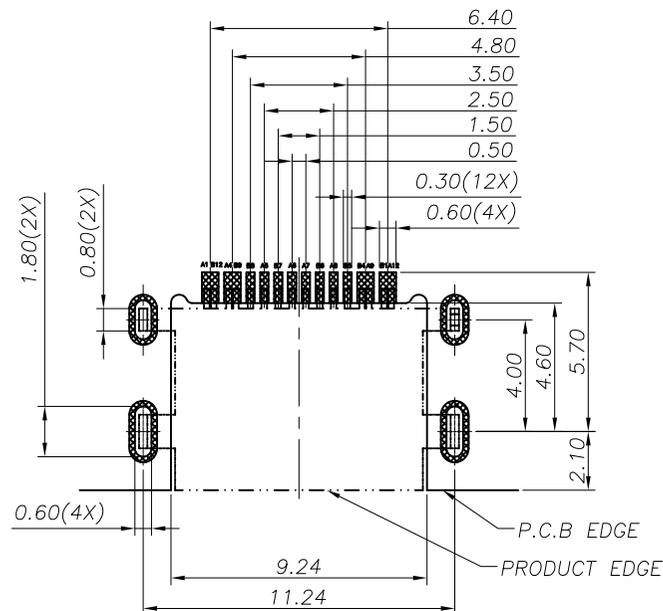
REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.	 TERMINAL&CONNECTORS	
A0	新图面发行	18.08.02		LINEAR	ANGLES	APPROVED	Frey Yang	22.08.12	W-USB-CH080-16P	ENDE05		
A1	更新图框发行	22.08.12	0.0±0.30	X° REF±6°	DESIGNER	Daniel Dong	22.08.12	TITLE				
			UNIT: MM	0.00±0.20	X° ±3°	DRAWN	Micky Ma	22.08.12	USB CF TYPE 16PIN (L=6.5mm)沉板深度0.80mm			
			SIZE: A4	0.000±0.10	X° X' ±2°				REV	A1	SHEET	1/3

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USB TYPE-C PIN ASSIGNMENTS

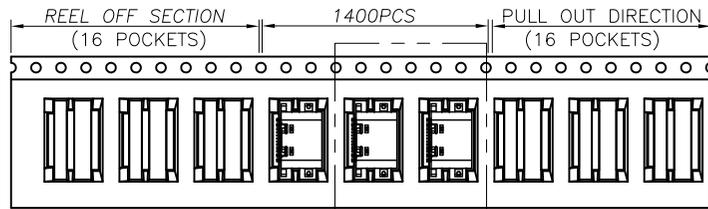
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



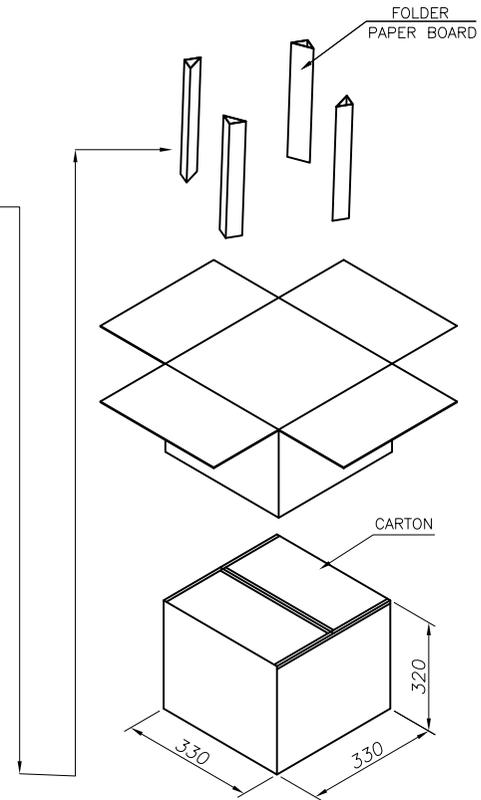
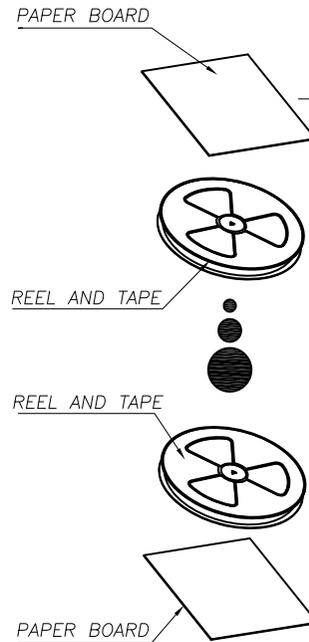
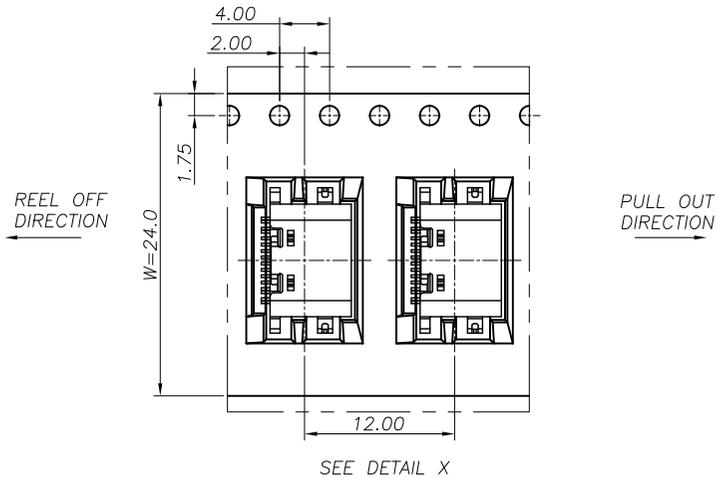
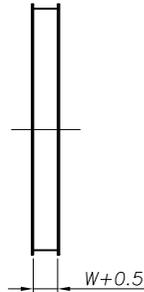
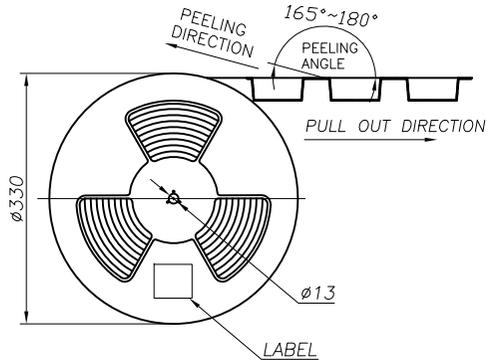
RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.	 TERMINAL&CONNECTORS	
A0	新图面发行	21.10.14		LINEAR	ANGLES	APPROVED	Frey Yang	22.08.12	W-USB-CH080-16P	ENDE05		
A1	更新图框发行	22.08.12 <th>UNIT: MM</th> <td>0.00±0.20</td> <td>X° REF±6°</td> <th>DESIGNER</th> <td>Daniel Dong</td> <td>22.08.12</td> <td colspan="2" rowspan="2"> TITLE USB CF TYPE 16PIN (L=6.5mm)沉板深度0.80mm </td>	UNIT: MM	0.00±0.20	X° REF±6°	DESIGNER	Daniel Dong	22.08.12	TITLE USB CF TYPE 16PIN (L=6.5mm)沉板深度0.80mm			
			SIZE: A4	0.000±0.10	X° X'±2°	DRAWN	Micky Ma	22.08.12			REV	A1

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SEE DETAIL X



	REEL	CARTON
CONNECTOR (PCS)	1400	14000

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.	 TERMINAL&CONNECTORS		
A0	新图面发行	21.10.14		LINEAR	ANGLES	1:1	Frey Yang	22.08.12					
A1	更新图框发行	22.08.12	0.0±0.30	X° REF±6°	DESIGNER	Daniel Dong	22.08.12	TITLE USB CF TYPE 16PIN (L=6.5mm)沉板深度0.80mm					
			UNIT: MM	0.00±0.20	X° ±3°	DRAWN	Micky Ma				22.08.12	REV	A1

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