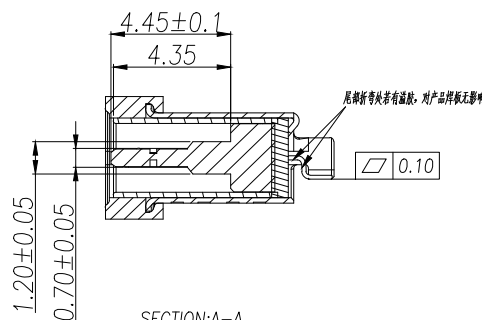
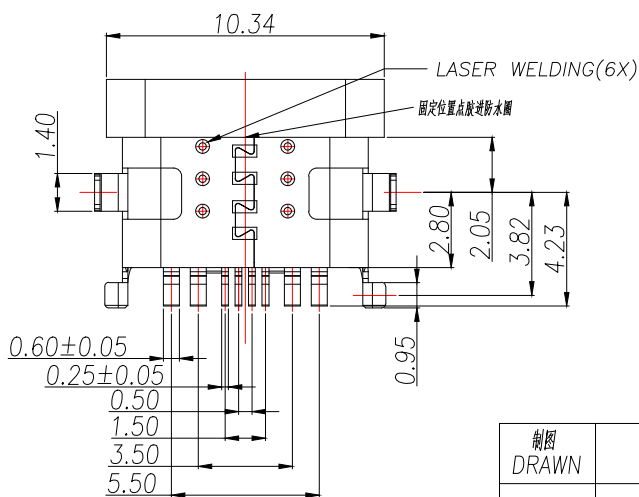
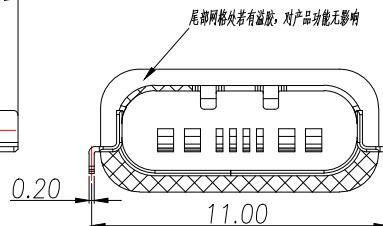
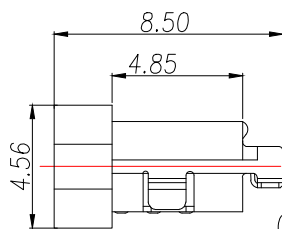
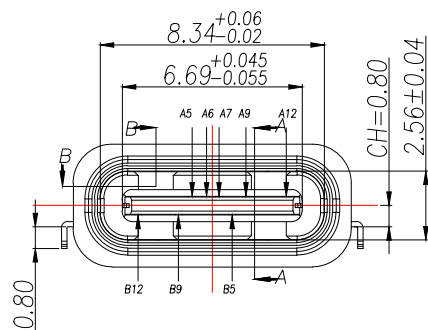
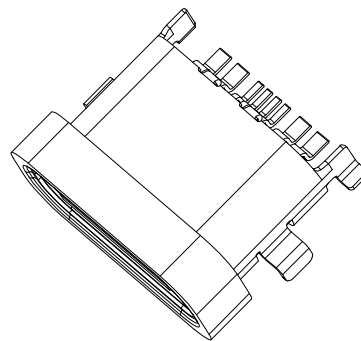
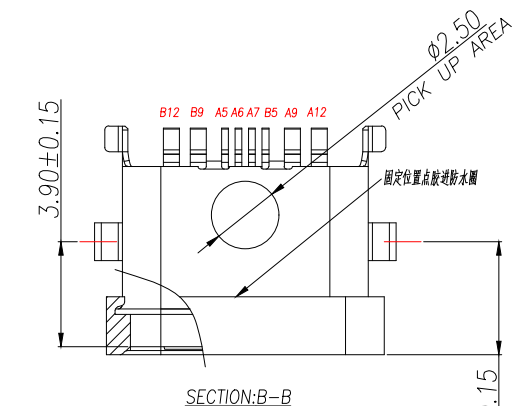




NOTE:

1.MATERIAL SPECIFICATION:

1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.

2.TERMINAL: COPPER ALLOY

3.MID PLATE: STAINLESS STEEL

4.INNER SHELL: STAINLESS STEEL

5.OUT SHELL: STAINLESS STEEL

6.GLUE:EPOXY

7.O-RING:GLUE

2.PLATING SPECIFICATION:

2-1.TERMINAL:

PLATING NICKEL 50u" MIN. OVER ALL.

Au G/F PLATED ON CONTACT AREA.

SN PLATED ON SOLDERING AREA.

2-2.OUT SHELL:

PLATING NICKEL 50u" MIN. OVER ALL.

2-3.INNER SHELL &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:3 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.

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: -40°C~+85°C.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL

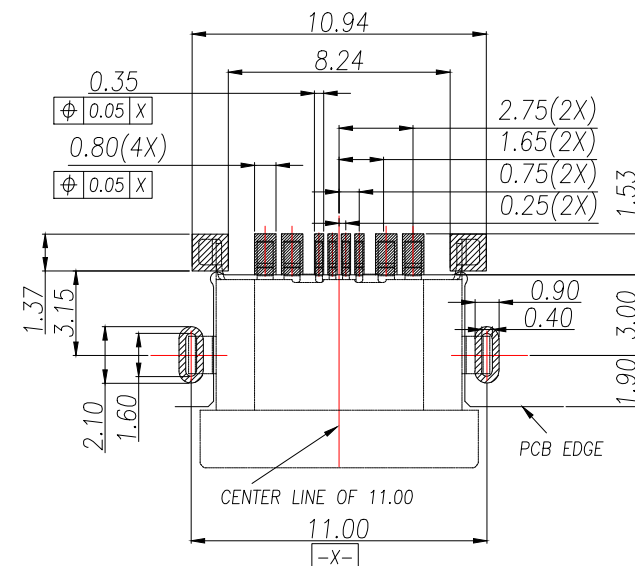
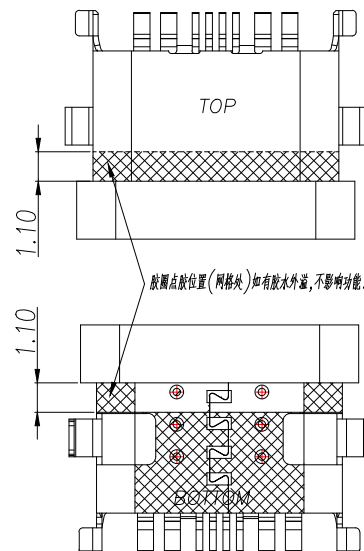
BE MAINTAINED FOR 10 SECONDS AT 260°C.

7.WATERPROOF:IPX5

制图 DRAWN	变更内容 DESCRIPTION	日期 DATE	GENERAL TOLERANCE		制图 DRAWING	ROSE			料号 PART NO.	ZX-TYPEC-CBM16-X5	版本 REV.	A		
			.X:±0.30	X.:±10°		审核 CHECK	LEO							
			.XX:±0.20	X.X:±8°			客户料号 CUTM.NO.	USB TYPE C 8pos CH=0.80 R/A WATERPROOF					页次 SHEET	1/1
			.XXX:±0.10	X.XX:±5°										
		单位 UNITS	MM	比例 SCALE	1:1									
										兆星精密电子（深圳）有限公司 ShenZhen ZhaoXing Precision electronics Co., Ltd.				

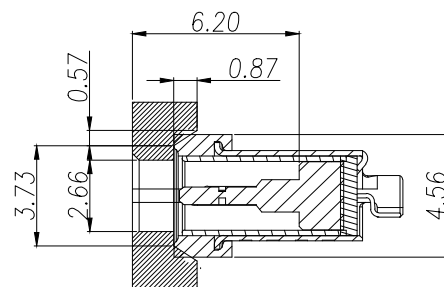
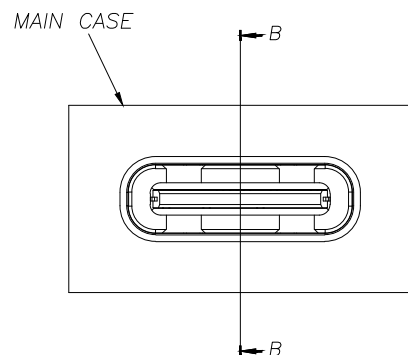
USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1		B12	GND
A2		B11	
A3		B10	
A4		B9	VBUS
A5	CC1	B8	
A6	D+	B7	
A7	D-	B6	
A8		B5	CC2
A9	VBUS	B4	
A10		B3	
A11		B2	
A12	GND	B1	

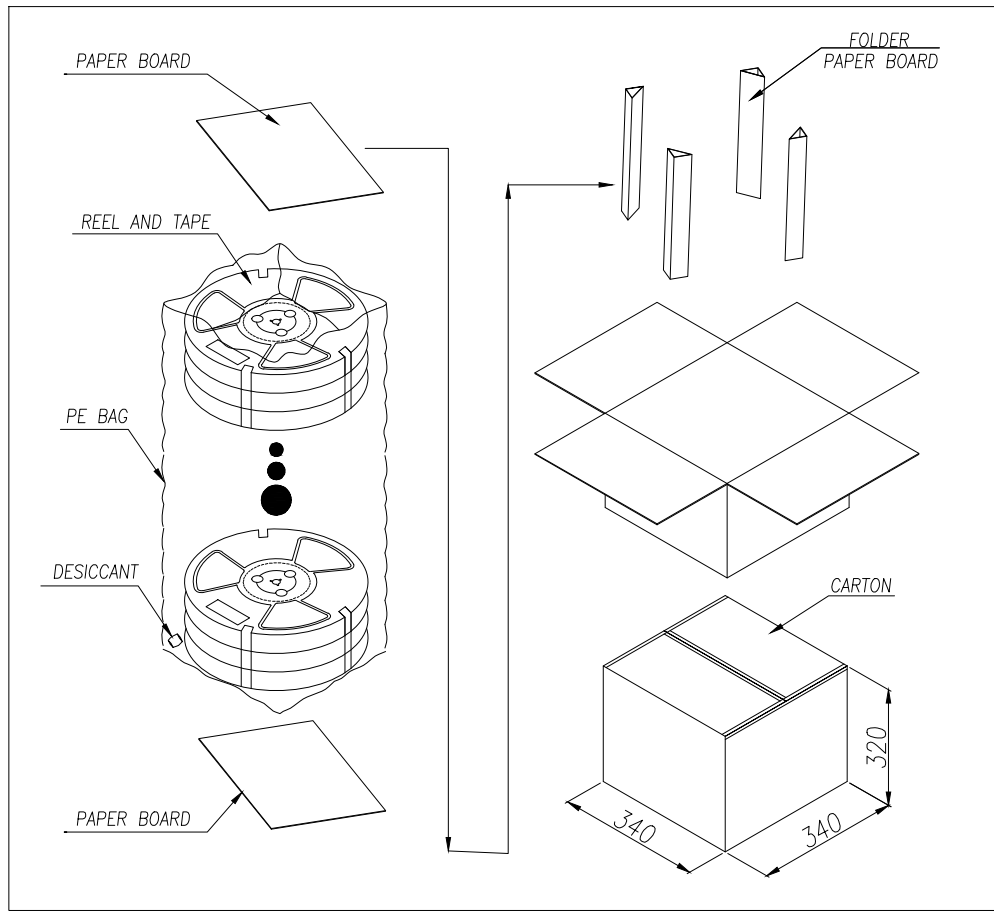
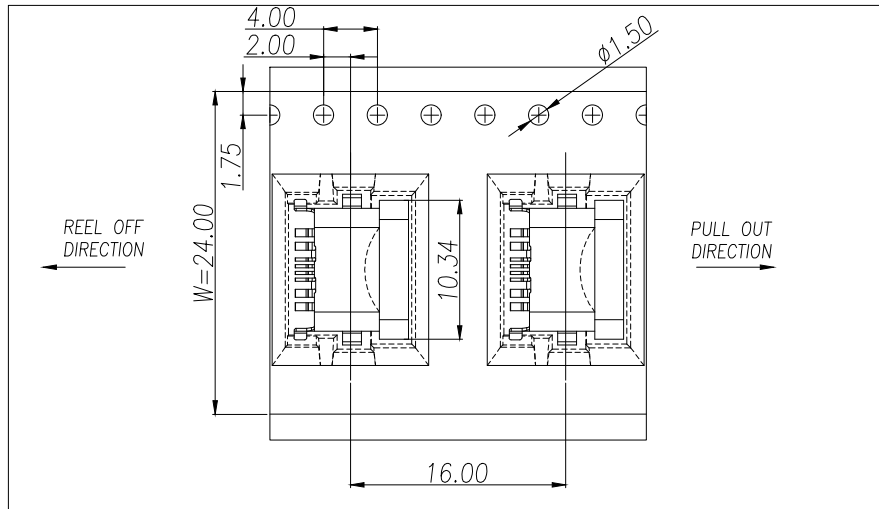
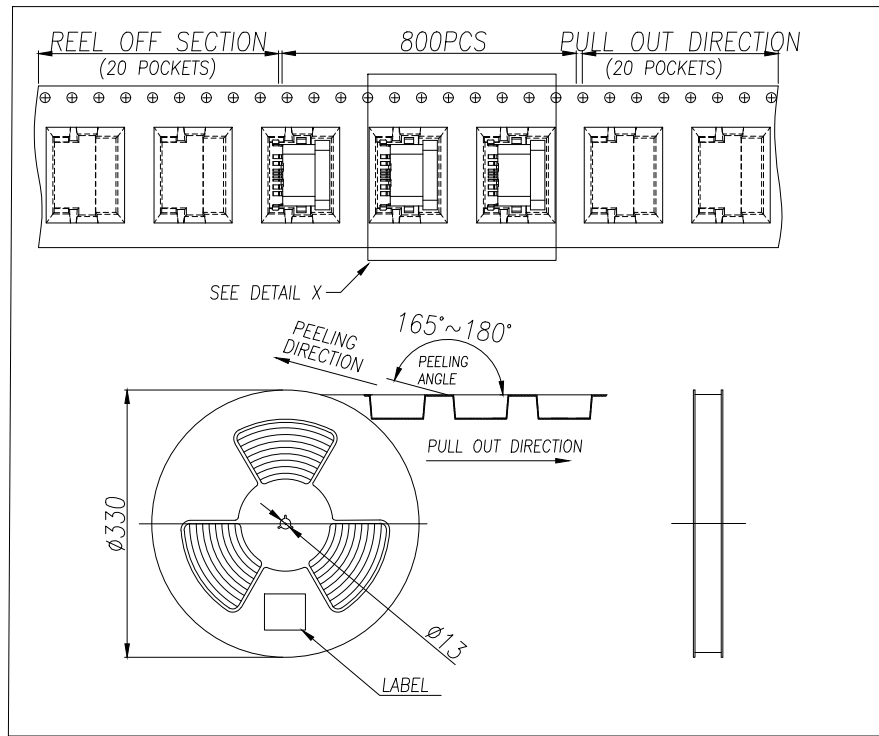


RECOMMENDED PCB LAYOUT
DEFAULT TOLERANCE: ± 0.05

RECOMMENDED OPENING DIMENSIONS
OF CASE MATING AREA WITH SEALING RING



制图 DRAWN	变更内容 DESCRIPTION	日期 DATE	GENERAL TOLERANCE		制图 DRAWING	ROSE			料号 PART NO.	ZX-TYPEC-CBM16-X5	版本 REV.	A
			.X:±0.30	X.:±10°	审核 CHECK	LEO			品名 TITLE	USB TYPE C 8pos CH=0.80 R/A WATERPROOF	页次 SHEET	1/1
			.XX:±0.20	X.X:±8°	核准 APPROVAL	JOHN			客户料号 CUTM.NO.			
			.XXX:±0.10	X.XX:±5°								
					单位 UNITS	MM	比例 SCALE	1:1	 兆星精密电子（深圳）有限公司 ShenZhen ZhaoXing Precision electronics Co., Ltd.			



CONNECTOR (PCS)	REEL	CARTON
	800	8000

制图 DRAWN	变更内容 DESCRIPTION	日期 DATE	GENERAL TOLERANCE		制图 DRAWING	ROSE LEO JOHN			料号 PART NO.	ZX-TYPEC-CBM16-X5	版本 REV.	A
			.X:±0.30	X.:±10°					品名 TITLE	USB TYPE C 8pos CH=0.80 R/A	页次 SHEET	1/1
			.XX:±0.20	X.X:±8°					客户料号 CUTM.NO.			
			.XXX:±0.10	X.XX:±5°					核准 APPROVAL	兆星精密电子（深圳）有限公司 ShenZhen ZhaoXing Precision electronics Co., Ltd.		
					单位 UNITS	MM	比例 SCALE	1:1				