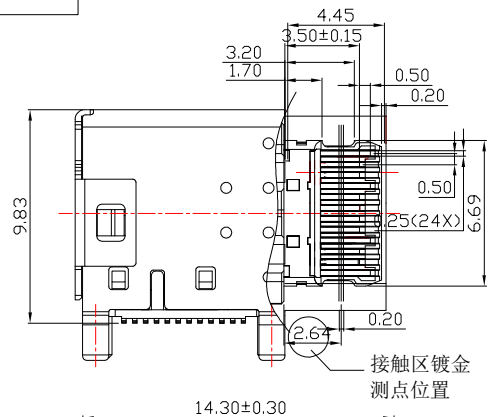
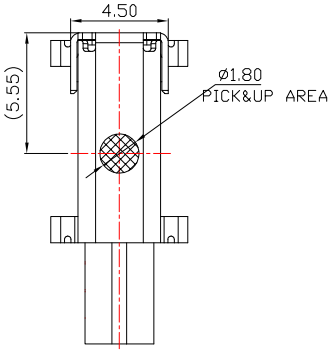
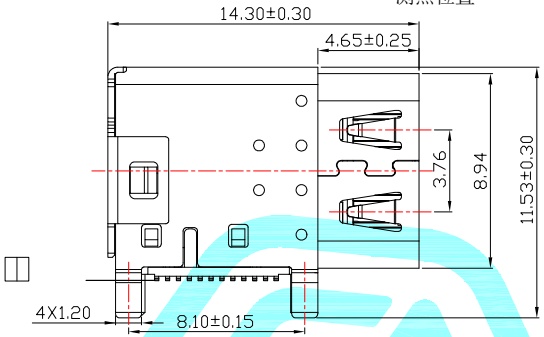
ROHS

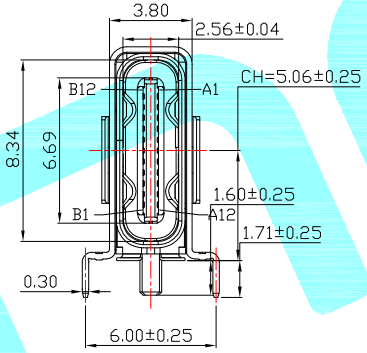
Http://www.krhro.com

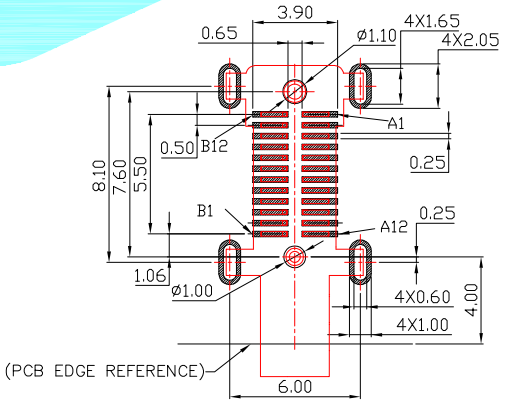




NOTE:
1.ELECTRICAL PERFORMANCE,
1-1. CURRENT RATING: 5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,
0.25 AMPS. FOR ALL OTHER CONTACT.
1-2. VOLTAGE RATING: 5V DC/AC (RMS. MAX)
1-3. LLCR:.
VBUS & GND PINS AND OTHER PINS: 40MΩ/PIN MAX.
SHIELD: 50MΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10MΩ.
1-4.INSULATION RESISTANCE: 100MΩ MIN
1-5.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
2.MECHANICAL PERFORMANCE,
2-1.INSERTION FORCE: 5~20N.
2-2.EXTRACTION FORCE: 8~20N.
2-3.DURABILITY: 10000 CYCLES.
3.ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -40℃~+85℃.
4.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260℃.
5.COMPLIANCE WITH ROHS REQUIREMENTS.
6.SALT SPRAY: 48H

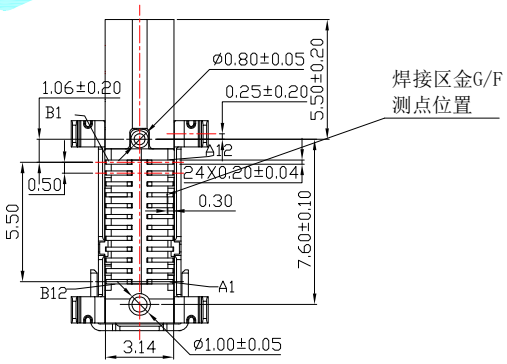






RECOMMENDED P.C.B LAYOUT
TOLERANCE ± 0.05mm (TOP VIEW)

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	Vbus	CC1	D+	D-	SBU1	Vbus	RX2-	RX2+	GND
GND	RX1+	RX1-	Vbus	SBU2	D-	D+	CC2	Vbus	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1



NO.	PART	Q'TY	Material	FINISH	REMARK
5	TERMINAL	24	COPPER ALLOY NKE012 OR XYK-40(C18140)	MATING SIDE: SEE PART NO: SOLDER TAIL: G/F, 50u" NICKEL OVERALL.	T=0.12
4	OUT SHELL	1	SUS304	50±20U" NICKEL PLATING	T=0.30
3	INNER SHELL	1	SUS304	50±20U" NICKEL PLATING	T=0.30
2	MID PLATE	1	SUS301	30U" NICKEL PLATING	T=0.15
1	MAIN HOUSING	1	HIGH TEMPERATURE	LCP BLACK UL94V-0	

APPROVALS		DATE
DRAWN	ZHANG	2026.10.9
CHECKED		
APPROVALS		

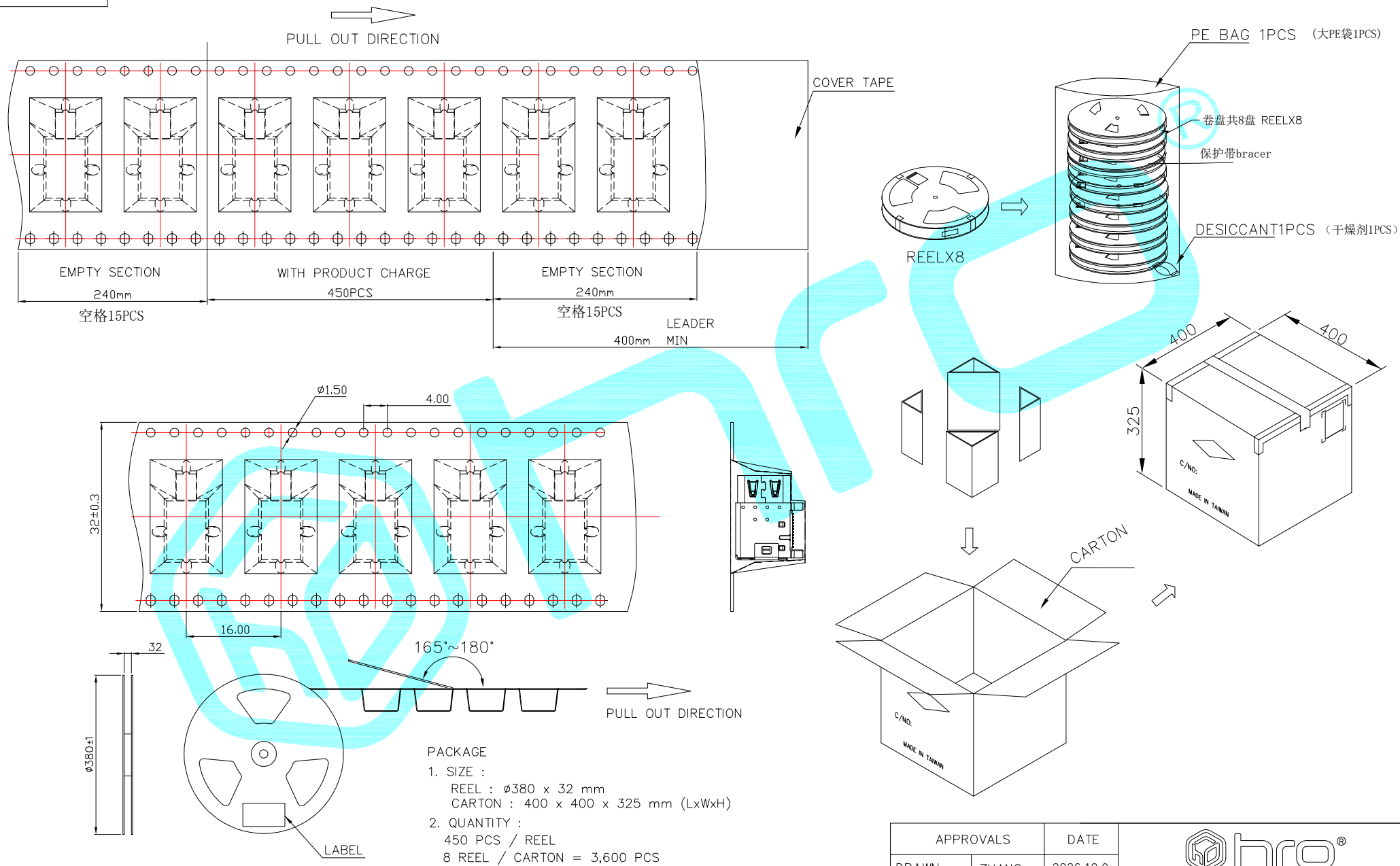
TOLERANCES ARE			ANGLE
30~ 以上	±0.30		
10~30	±0.25		
5~10	±0.20		±2°
~ 5	±0.15		

TITLE:	TYPE-C JACKES
PART NO.	TYPE-C-31-M-54
UNIT: mm	SCALE: 1:1 PROJ:
DRAWING NO.	SHEET 1 OF 1

			USB4 Type C 20G 母座 侧插双壳24PIN			
ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.
	A		NEW			

ROHS

Http://www.krhro.com



PACKAGE

1. SIZE :
   REEL : ø380 x 32 mm
   CARTON : 400 x 400 x 325 mm (LxWxH)
2. QUANTITY :
   450 PCS / REEL
   8 REEL / CARTON = 3,600 PCS

APPROVALS		DATE
DRAWN	ZHANG	2026.10.9
CHECKED		
APPROVALS		

TOLERANCES ARE			ANGLE
	30~ 以上	±0.30	
	10~30	±0.25	
	5~10	±0.20	±2°
	~ 5	±0.15	

TITLE:	TYPE-C JACKES	
PART NO.	TYPE-C-31-M-54	
UNIT: mm	SCALE: 1:1	PROJ:
DRAWING NO.	———	SHEET 1 OF 1

ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.
———	A	———	NEW	———	———	———