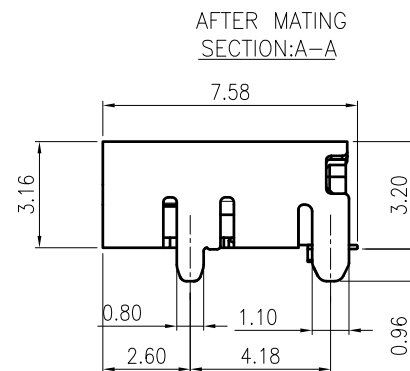
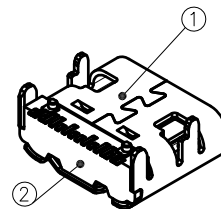
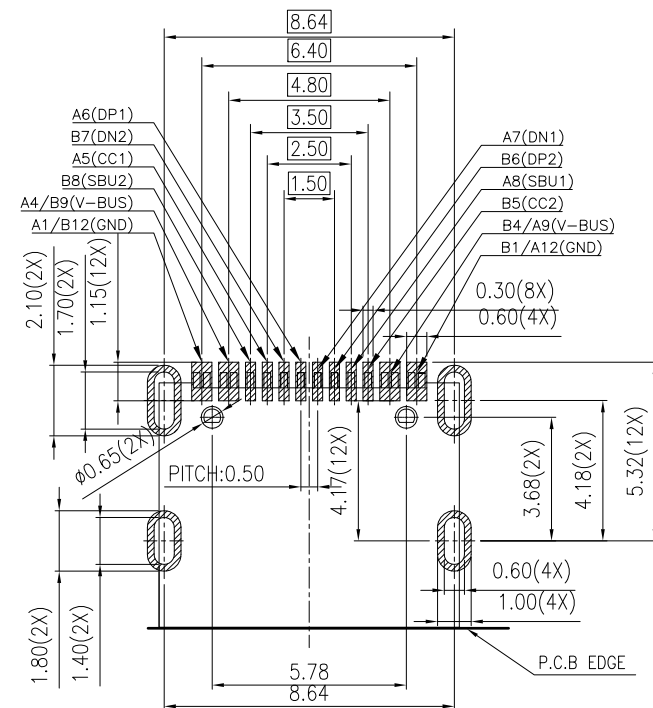




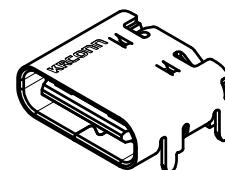
PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND



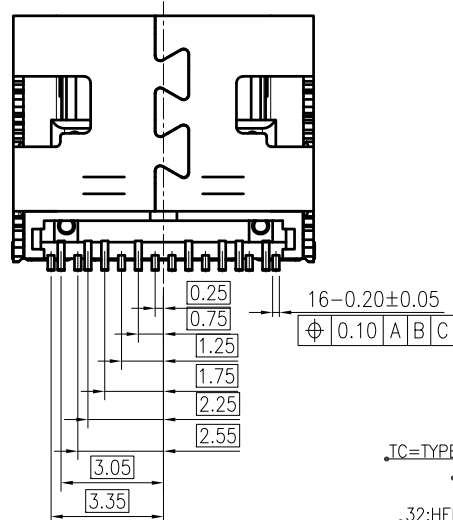
RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)

PCB THICKNESS: 0.80±0.05mm
DEFAULT TOLERANCE: ±0.05mm

- NOTES:
- 1.ELECTRICAL:
 - 1.1.CONTACT CURRENT RATING 5.0A FOR VBUS AND GND(PINS A4 A9 B4 B9)
 - 1.2. INSULATION RESISTANCE:
100 MEGAOHMS MIN. AT 250VDC.
 - 1.3.DIELECTRIC WITHSTANDING VOLTAGE:
100VAC MIN.
 - 1.4.LOW CONTACT RESISTANCE:
INITIAL 40m Ω MAX.
AFTER 50m Ω MAX.
 2. MECHANICAL CHARACTERISTICS:
 - 2.1.INSERTION FORCE:5N~20N.
 - 2.2.EXTRACTION FORCE:
8N~20N FORM 1 TO 1000CYCLES.
6~20N FORM 1001 TO 10000CYCLES.
 - 2.3.DURABILITY:10,000 MATING CYCLES
 - 2.4.OPERATING TEMPERATURE:-55°C TO +85°C



ITEM	PART NAME	QTY	MATERIAL	REMARK
1	SHELL	1PCS	STAINLESS	Ni 30u" MIN. UNDER PLATED OVER ALL.
2	INSERT HOUSING	1PCS	HIGH TEMPERATURE PLASTIC	UL94V-0
3	Mid-PLATE	1PCS	STAINLESS	NO SURFACE TREATMENT
4	TOP CONTACT	1SET	COPPER ALLOY	Ni 50u" MIN. UNDER PLATED Au PLATED ON THE FUNCTIONAL
5	BOTTOM CONTACT	1SET	COPPER ALLOY	



TC R 12-32 X 1 16 02-XX

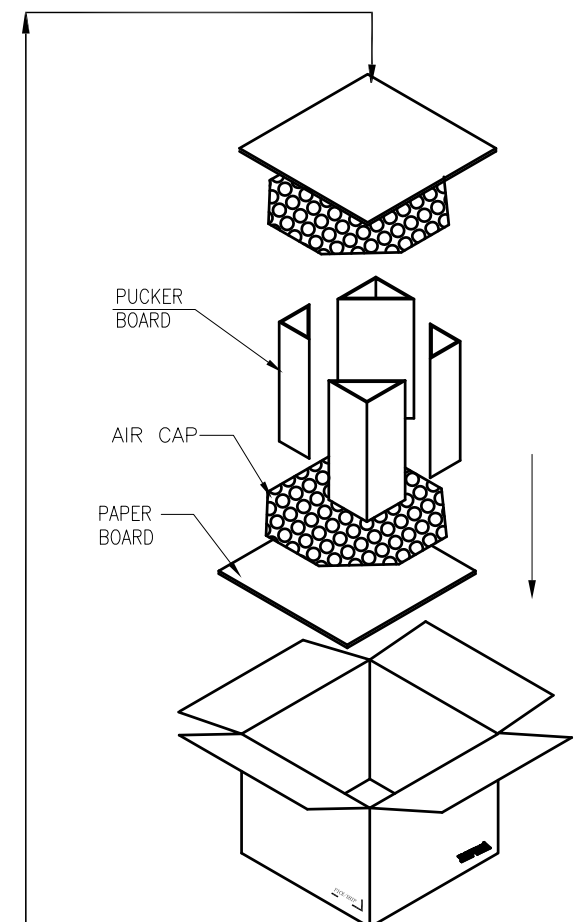
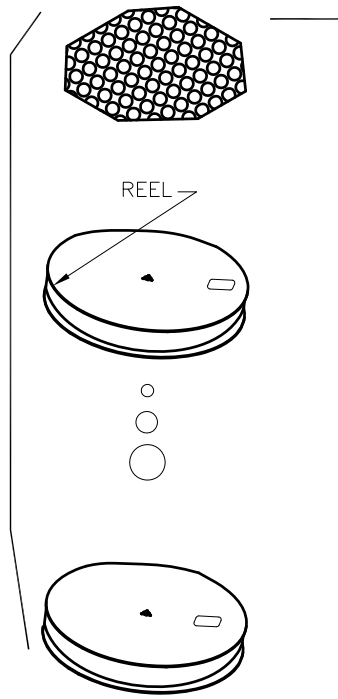
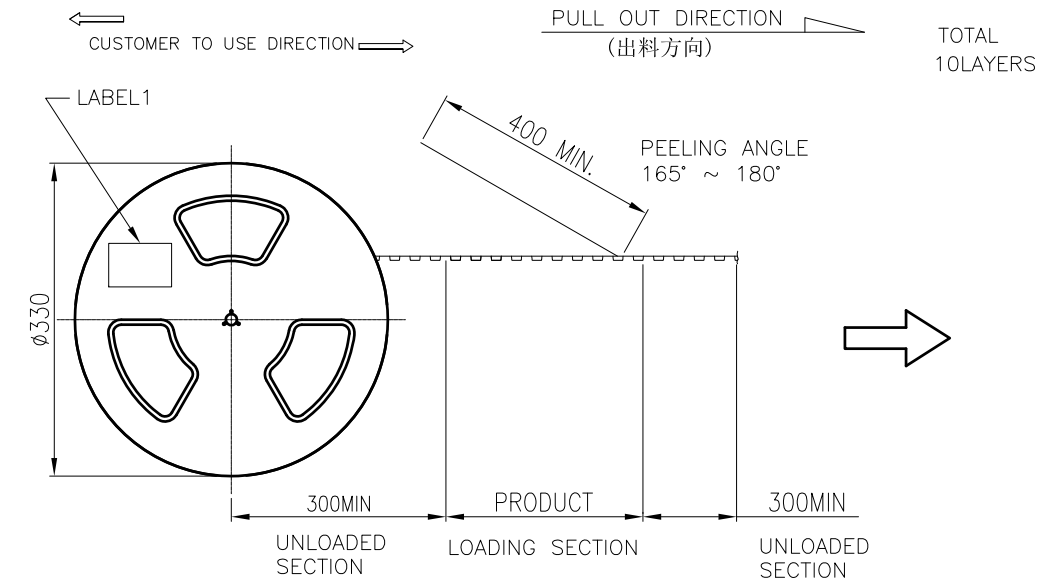
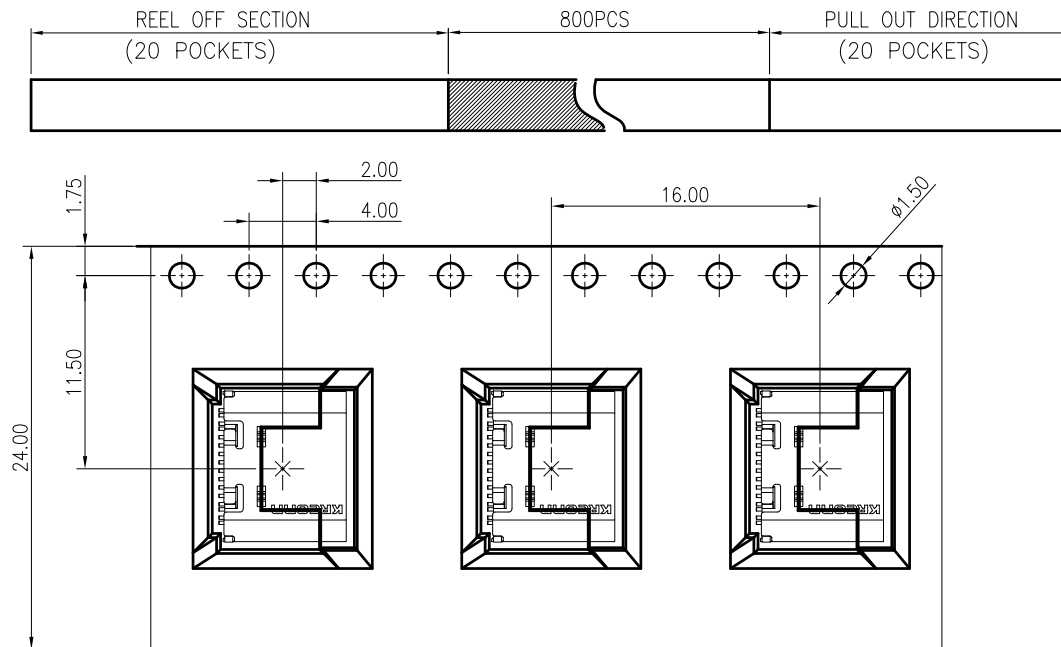
TC=TYPE C CONN.
 R=RECEPTACLE
 Product Order
 32=HEIGHT ON BOARD 3.2mm
 1=BLACK HOUSING/2=WHITE HOUSING
 1=WITH DULL POST
 XX= Services NO.
 SEE Detailed List
 02=1~3u" Au Plating
 On Contact Aera
 Pin NO. 16=16Pin

UNLESS OTHERWISE SPECIFIED TOLERANCES		 深圳市精睿兴业科技有限公司 SHENZHEN KRCONN TECHNOLOGY CO., LTD				
DECIMALS:	ANGLES:	TITLE	Type.C 16PIN L=7.35MM CONN. RECPTACLE			
X :±0.5	X :±2°	DWN	chenjun	PART NO. TCR12-32X11602-XX		
X.X :±0.30	X.X :±1°	CHKD	chenjun	SCALE:1:1	UNIT: mm	
X.XX :±0.20		APVD	Kevin.d	SIZE: A4	SHEET:10F1	REV: A
X.XXX :±0.10		DRAW NO. C-DWG-TCR12-01			CUSTOMER COPY	



REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	2017.03.12

CONN. PART NO.	CONN. QTY./REEL	REEL QTY./CARTON	CONN. QTY./CARTON
TCR12-32X11602-XX	800	10	8000 PCS



UNLESS OTHERWISE SPECIFIED TOLERANCES		深圳市精睿兴业科技有限公司 SHENZHEN KRCONN TECHNOLOGY CO., LTD			
DECIMALS:	ANGLES:	TITLE	Type.C 16PIN L=7.35MM CONN. RECTACLE		
X :±0.5	X :±2°	DWN	chenjun	PART NO. TCR12-32X11602-XX	
X.X :±0.30	X.X :±1°	CHKD	chenjun	SCALE:1:1	UNIT: mm
X.XX :±0.20		APVD	Kevin.d	SIZE: A4	SHEET:10F1
X.XXX :±0.10		DRAW NO. C-DWG-TCR12-01		CUSTOMER COPY	