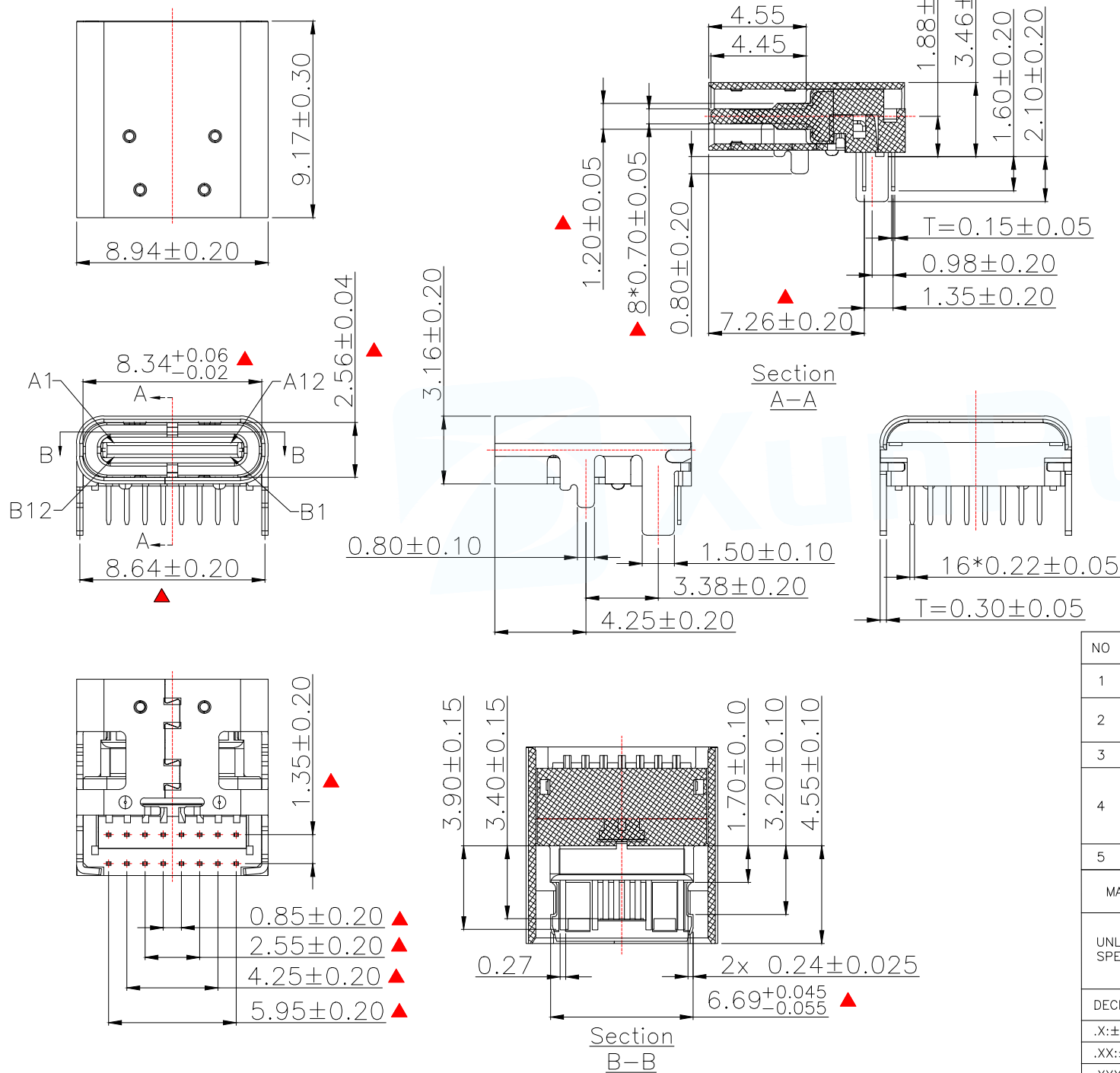


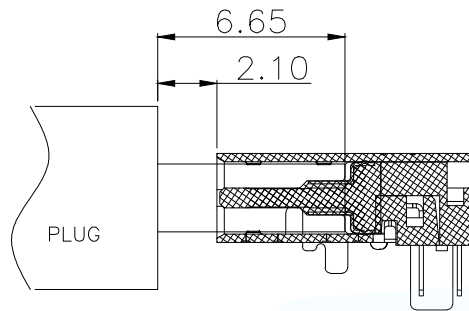


Specifications:

- 1.0 Electrical performance:
- 1.1 Contact resistance: $40\text{m}\Omega$ max for initial.
 $10\text{m}\Omega$ change after test. measure at 20mv , 100mA .
- 1.2 Dielectric withstanding voltage: AC $100\text{V}(\text{rms})$.
- 1.3 Insulation resistance: $100\text{M}\Omega$ min.
- 1.4 Contact current rating: 3A
- 1.5 Voltage: $20\text{ Vac}(\text{rms})$.
- 2.0 mechanical performance:
- 2.1 Mating force: $5\sim 20\text{N}$
- 2.2 Unmating force: $8\sim 20\text{N}$ Initial test, $6\sim 20\text{N}$ After test
- 2.3 Durability: $10,000$ cycles.
- 3.0 Environmental performance:
- 3.1 Temperature range:
- 3.2 Operating temperature: $-40^{\circ}\text{to}+85^{\circ}$.
- 3.3 Storage temperature: $-20^{\circ}\text{to}+60^{\circ}$.
4. With "▲" for the key control size

NO	PART	Q'TY	Material
1	SHELL	1	STAINLESS STEEL 304, 50U"MIN NICKEL PLATING
2	EMI Plate	1	STAINIESS STEEL 301,NI 30u" MIN PLATED(SEE THE PART NUMBER CODE:)
3	Mid Plate	1	STAINIESS STEEL 301, NO PLATED
4	CONTACT	16	COPPER STEEL C18400,Au(PART NUMBER CODE) plated on contact area Matte Tin plated 50u"min(Or GF) on solder area; Nickel 50u"min underplating over all.
5	HOUSING	1	LCP BLACK UL94 V-0

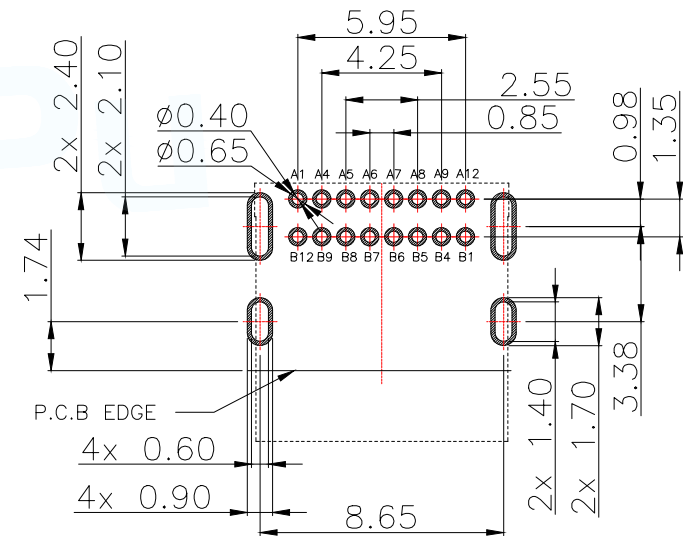
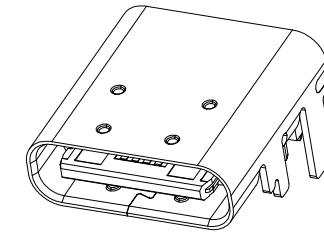
MANUFACTURE DWG		 东莞市讯普电子科技有限公司 DongGuan XunPu Electronics Co.,Ltd	
UNLESS OTHERWISE SPECIFIED TOLERANCES		TITLE:USB Type-C Receptacle 16PIN DIP CH1.88	
DECIMALS:	ANGLES:	PAR	TYPE-C-613-WDR
.X:±0.30	X":±10°	DWN	
.XX:±0.20	.X":±8°	CHKD	
.XXX:±0.10	.XX":±5°	APVD	
CUSTOMER COPY		SCALE N:A	UNIT:MM
		SIZE:A4	SHEET:1F1
			REV:A



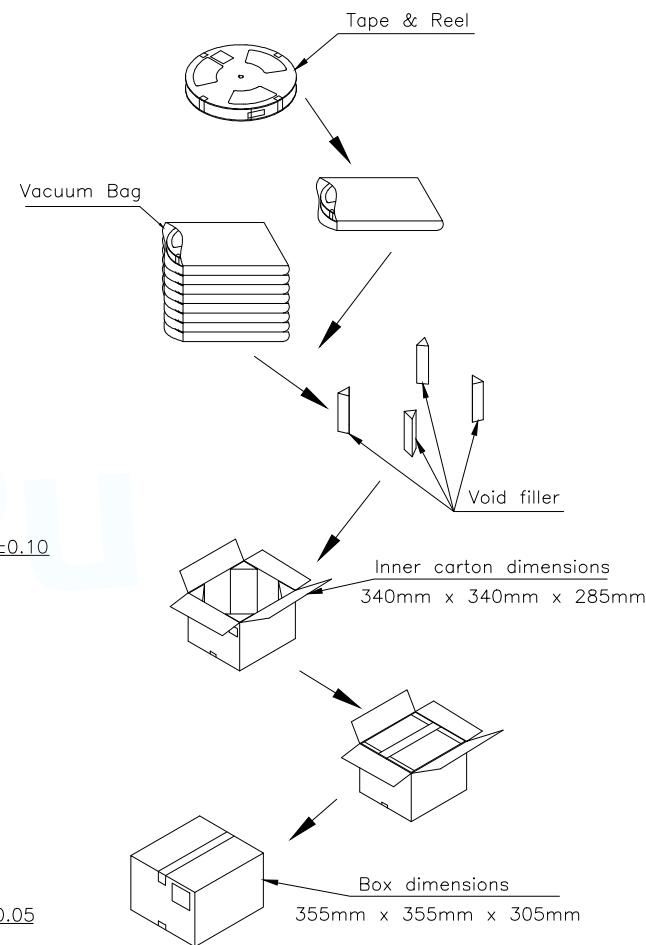
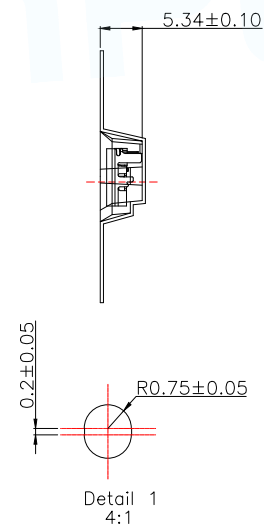
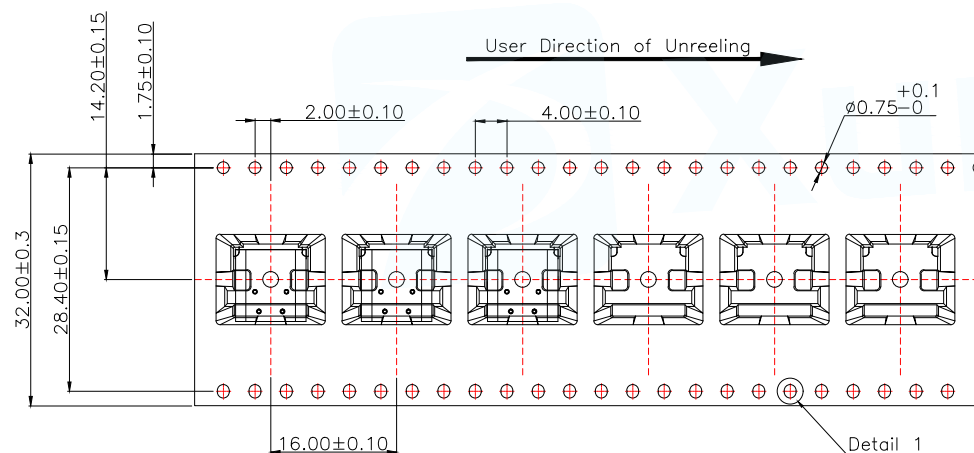
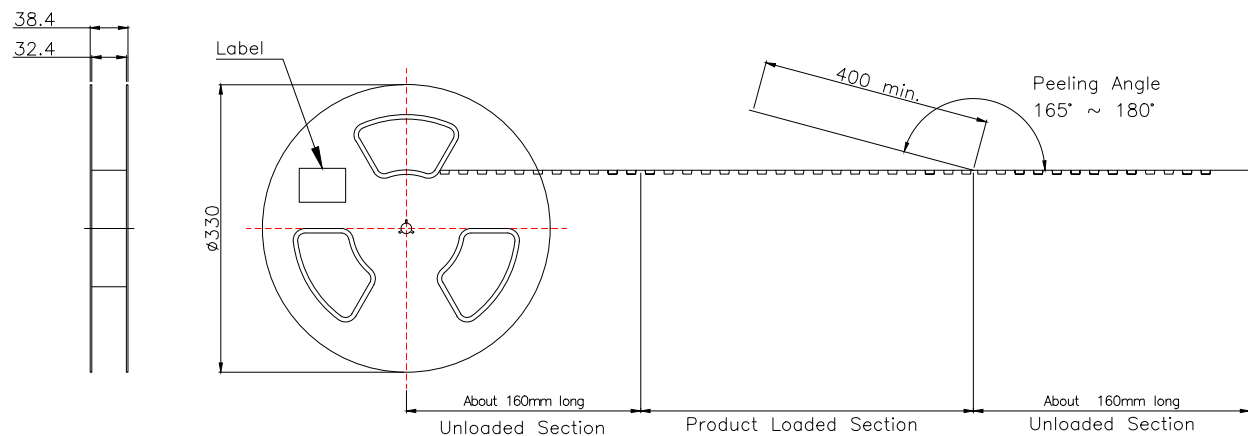
AFTER MATING

USB TYPE-C PIN ASSIGNMENTS

Pin	Signal	Mating Sequence	Pin	Signal	Mating Sequence
A1	GND	First	B12	GND	First
A4	Vbus	First	B9	Vbus	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	Vbus	First	B4	Vbus	First
A12	GND	First	B1	GND	First
SHELL		GND	SHELL		GND

RECOMMENDED PCB LAYOUT(TOP)
TOLERANCES:±0.05MM

MANUFACTURE DWG		 东莞市讯普电子科技有限公司 DongGuan XunPu Electronics Co.,Ltd	
UNLESS OTHERWISE SPECIFIED TOLERANCES			TITLE:USB Type-C Receptacle 16PIN DIP CH1.88
			PAR TYPE-C-613-WDR
DECIMALS:	ANGLES:		DWN
.X:±0.30	X*:±10°		CHKD
.XX:±0.20	.X*:±8°		APVD
.XXX:±0.10	.XX*:±5°		SCALE N:A
CUSTOMER COPY		SIZE:A4	UNIT:MM
		SHEET:1F1	REV:A



Notes:

Peeling off force of top tape:
0.1–1.3N (Peeling direction as shown)

Materials:

Carrier Tape: Polystyrene (PS)
Top Tape: PE
Reel Tape: Polystyrene (PS)
Bag: PE

Pcs/Reel	Reels/Carton	Total Quality
700	7	4,900 pcs

MANUFACTURE DWG		 东莞市讯普电子科技有限公司 DongGuan XunPu Electronics Co., Ltd	
UNLESS OTHERWISE SPECIFIED TOLERANCES			TITLE: CF 16P DIP CH1.88—包装规格
			PAR TYPE—C-613—WDR
DECIMALS:	ANGLES:	DWN	CHKD
.X:±0.30	X':±10°	APVD	SCALE N:A
.XX:±0.20	.X':±8°	UNIT:MM	UNIT:MM
.XXX:±0.10	.XX':±5°	SIZE:A4	SHEET:1F1
CUSTOMER COPY		REV:A	