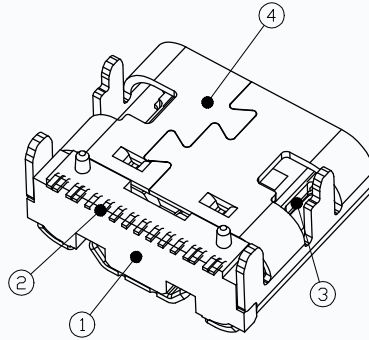
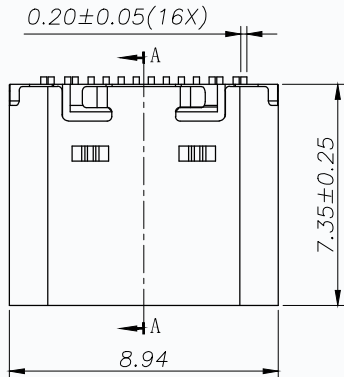
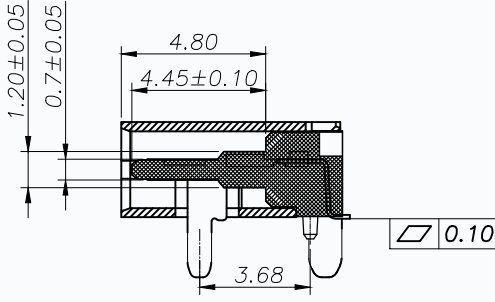
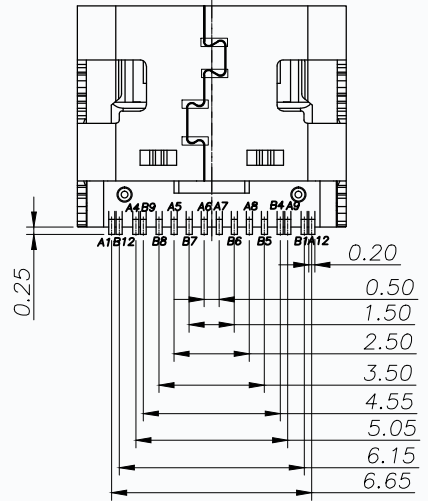
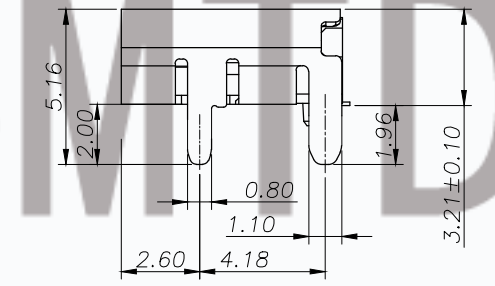
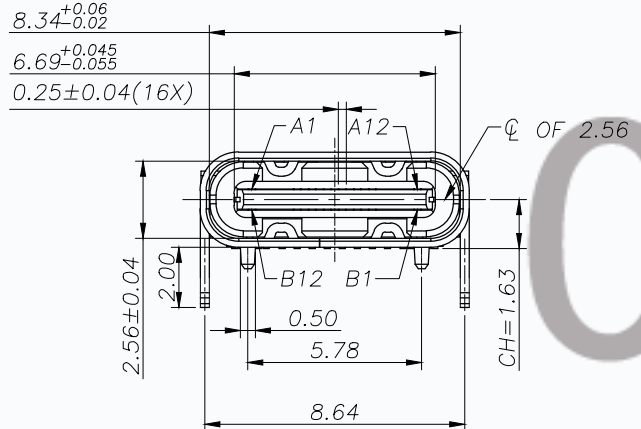


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
C	ECN NO.	MODIFY NOTE	2020.06.23	ERIC
D	ECN NO.	UPDATE THE DRAWING	2020.08.03	ERIC



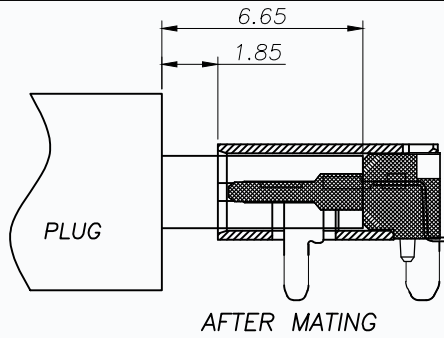
NOTE:

- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
 - TERMINAL: COPPER ALLOY (C7025)
 - MID PLATE: STAINLESS STEEL (SUS201)
 - FRONT SHELL: STAINLESS STEEL (SUS201)
- PLATING SPECIFICATION:
 - TERMINAL:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 - (GOLD PLATING THICKNESS FOLLOW THE P/N)
 - PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 - FRONT SHELL:
 - PLATING SPECIFICATIONS FOLLOW THE P/N
 - MID PLATE PLATE:
 - CLEAR ONLY
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - VOLTAGE RATING: 20 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.
 - LLCR:
 - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 - SHIELD: 50mΩ/MAX.
 - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



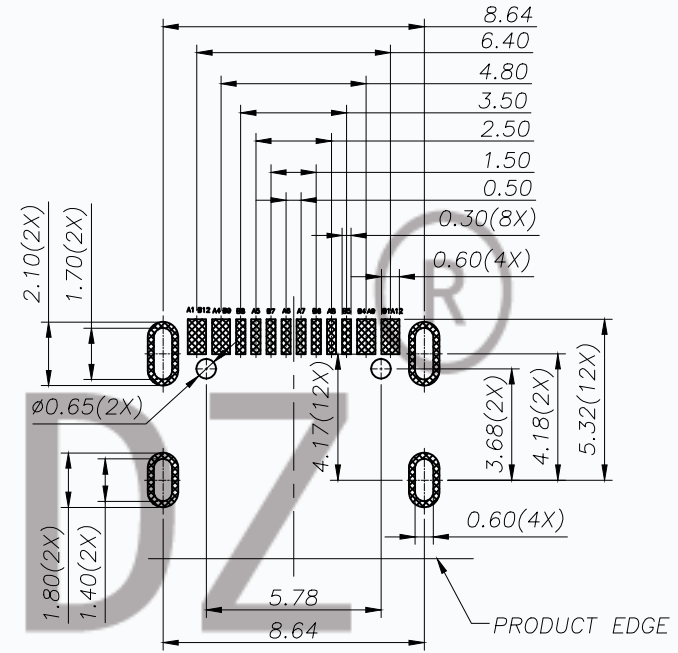
TOLERANCE		NAME (INTENDED USE) CUSTOMER DRAWING		CMTDDZ 东莞市田都科技有限公司 Dongguan TianDu Technology Co., Ltd.		
X.X ±0.30	X.* ±10°	PART NO.		TITLE: TYPE-C 16P 板上四脚插 (脚长2.0MM)		
.XX ±0.20	.X.* ± 8°	DESIGN: ERIC		DRAWG NO. T11-16BS04-3-3A-2.0		
.XXX ±0.10	.XX.* ± 5°	MATERILA		SCALE SHEET REV.		
UNITS	mm	APPD:		SCALE SHEET REV.		
FINISH						

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
C	ECN NO.	MODIFY NOTE	2020.06.23	ERIC
D	ECN NO.	UPDATE THE DRAWING	2020.08.03	ERIC



USB TYPE-C PIN ASSIGNMENTS

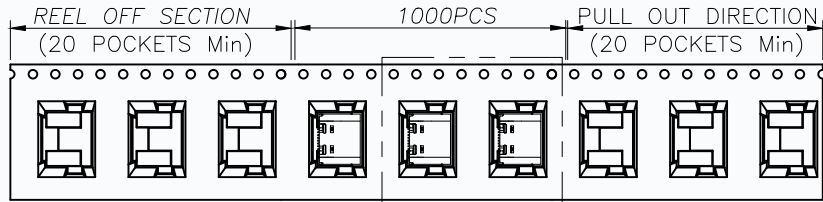
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



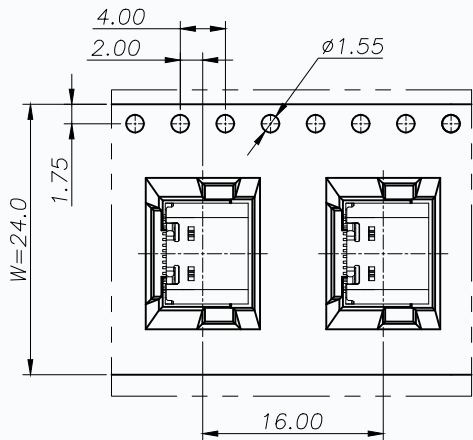
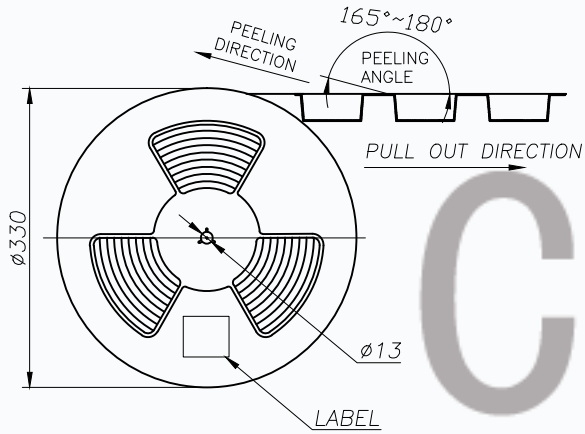
RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	CITDDZ 东莞市田都科技有限公司 Dongguan TianDu Technology Co., Ltd.		
X.X ±0.30	X.* ±10°	PART NO.	TITLE: TYPE-C 16P 板上四脚插 (脚长2.0MM)		
.XX ±0.20	.X.* ± 8°		DRAWG NO. T11-16BS04-3-3A-2.0		
.XXX ±0.10	.XX.* ± 5°		DESIGN: ERIC		
UNITS	mm	DESIGN: ERIC	DRAWG NO. T11-16BS04-3-3A-2.0		
MATERILA		CHED:	SCALE SHEET REV.		
FINISH		APPD:	SCALE SHEET REV.		

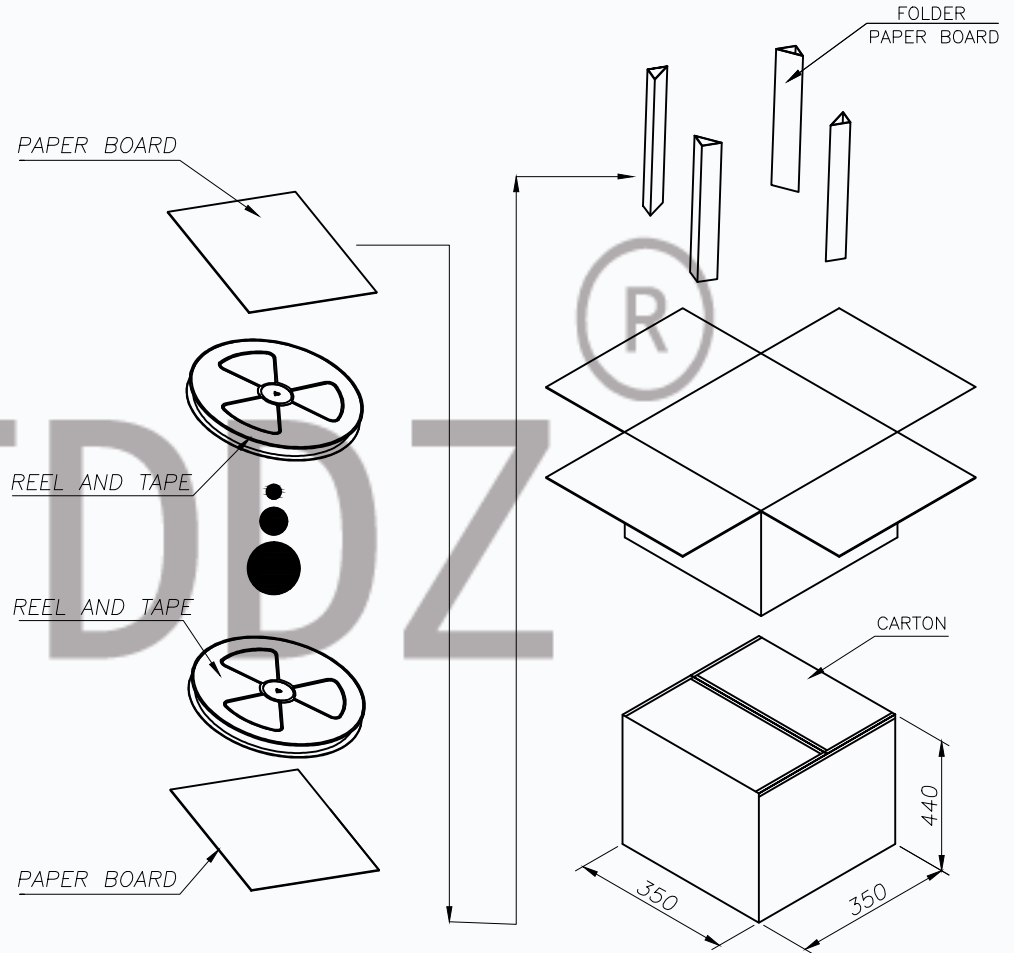
REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
C	ECN NO.	MODIFY NOTE	2020.06.23	ERIC
D	ECN NO.	UPDATE THE DRAWING	2020.08.03	ERIC



SEE DETAIL X



DETAIL X



	REEL	CARTON
CONNECTOR (PCS)	1000	15000

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	CMTDZ 东莞市田都科技有限公司 Dongguan TianDu Technology Co. Ltd.								
X.X	± 0.30	X.*	$\pm 10'$	PART NO.	TITLE: TYPE-C 16P 板上四脚插 (脚长2.0MM)						
.XX	± 0.20	.X*	$\pm 8'$	DESIGN: ERIC	DRAWG NO. T11-16BS04-3-3A-2.0						
.XXX	± 0.10	.XX*	$\pm 5'$	CHED:	<table border="1"> <tr> <td>SCALE</td> <td>SHEET</td> <td>REV.</td> </tr> <tr> <td>SCALE</td> <td>SHEET</td> <td>REV.</td> </tr> </table>	SCALE	SHEET	REV.	SCALE	SHEET	REV.
SCALE	SHEET	REV.									
SCALE	SHEET	REV.									
UNITS	mm	APPD:									
MATERILA											
FINISH											