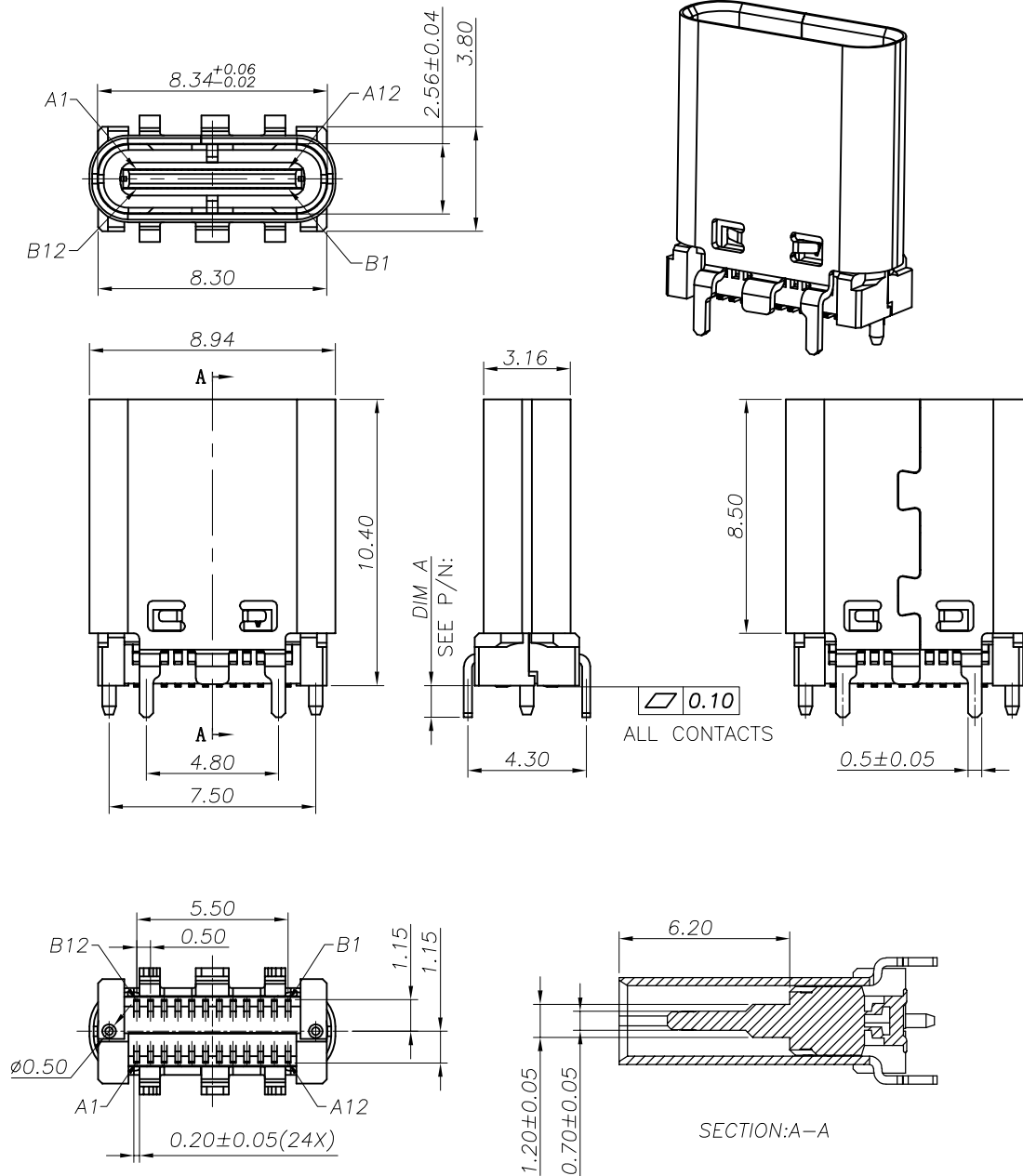


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
03	ECN NO.	UPDATE THE DRAWING	2020.09.29	SYJ
04	ECN NO.	UPDATE THE DRAWING	2020.12.28	SYJ



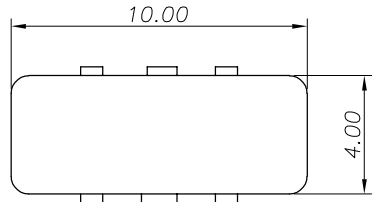
1. MATERIAL SPECIFICATION:
 1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0
 2. TERMINAL: COPPER ALLOY (C1814)
 3. MID PLATE: STAINLESS STEEL (SUS301)
 4. FRONT SHELL: STAINLESS STEEL (SUS304)
 5. EMI PLATE: STAINLESS STEEL (SUS304)
2. PLATING SPECIFICATION:
 - 2-1. TERMINAL:
 - Ni 50u" MIN. 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
 - 2-2. FRONT SHELL:
 - PLATING SPECIFICATIONS FOLLOW THE P/N
 - 2-3. MID PLATE & EMI 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: 5 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: 40mΩ/PIN MAX.
 - SHIELD: 50mΩ/MAX.
 - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 4-3. INSULATION RESISTANCE: 100MΩ MIN
 - 4-4. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -25°C~+85°C.
6. IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



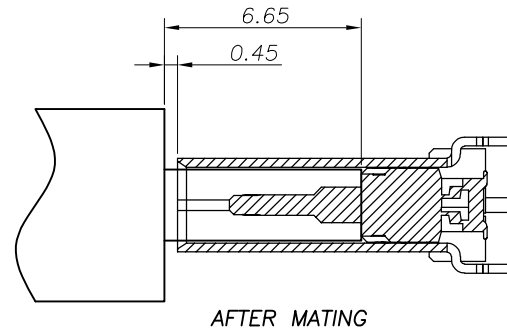
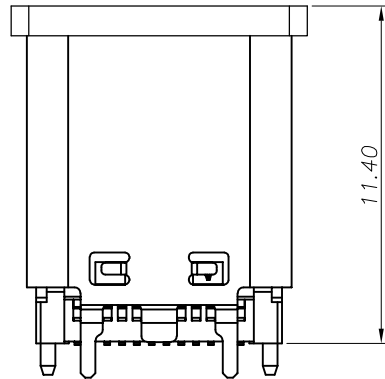
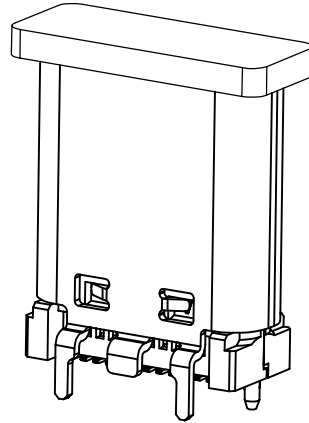
TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING		 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONI CS CO., LTD.			
X.X ±0.30	X.* ±10'	PART NO. SEE P/N		TITLE: USB CF VERTICAL (L=10.35)			
.XX ±0.20	.X* ± 8'						
.XXX ±0.10	.XX* ± 5'						
UNITS	mm	DESIGN: SYJ		DRAWG NO. XB-ACF014-4R			
MATERILA		CHED:		 SCALE SHEET REV. 1:1 1/3 04			
FINISH		APPD:					

	SCALE	SHEET	REV.
	1:1	1/3	04

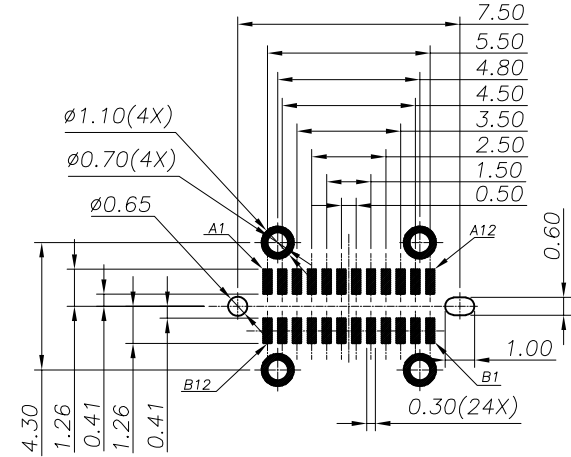
REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
03	ECN NO.	UPDATE THE DRAWING	2020.09.29	SYJ
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WITH PICK UP COVER



AFTER MATING



RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 1.0±0.10MM;DEFAULT TOLERANCE:±0.05

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
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	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

P/N: ACF014-4X1H1A003-XHR

HOUSING MATERIAL

A: LCP
E: PA9T

HOUSING COLOR

1: BLACK
2: WHITE
5: NATURE

SHELL MATERIAL

H:SUS304

SHELL PLATING

1: Ni
2: MATT-Sn
3: BRIGHT-Sn
4: SELECTIVE-Au 1u"

DIM A (TAIL LENGTH)

0: 1.15MM
1: 2.15MM
2: 2.70MM

CONTACT FUNCTIONAL AREA PLATED

01: Au 1u"
03: Au 3u"
15: Au 15u"
30: Au 30u"

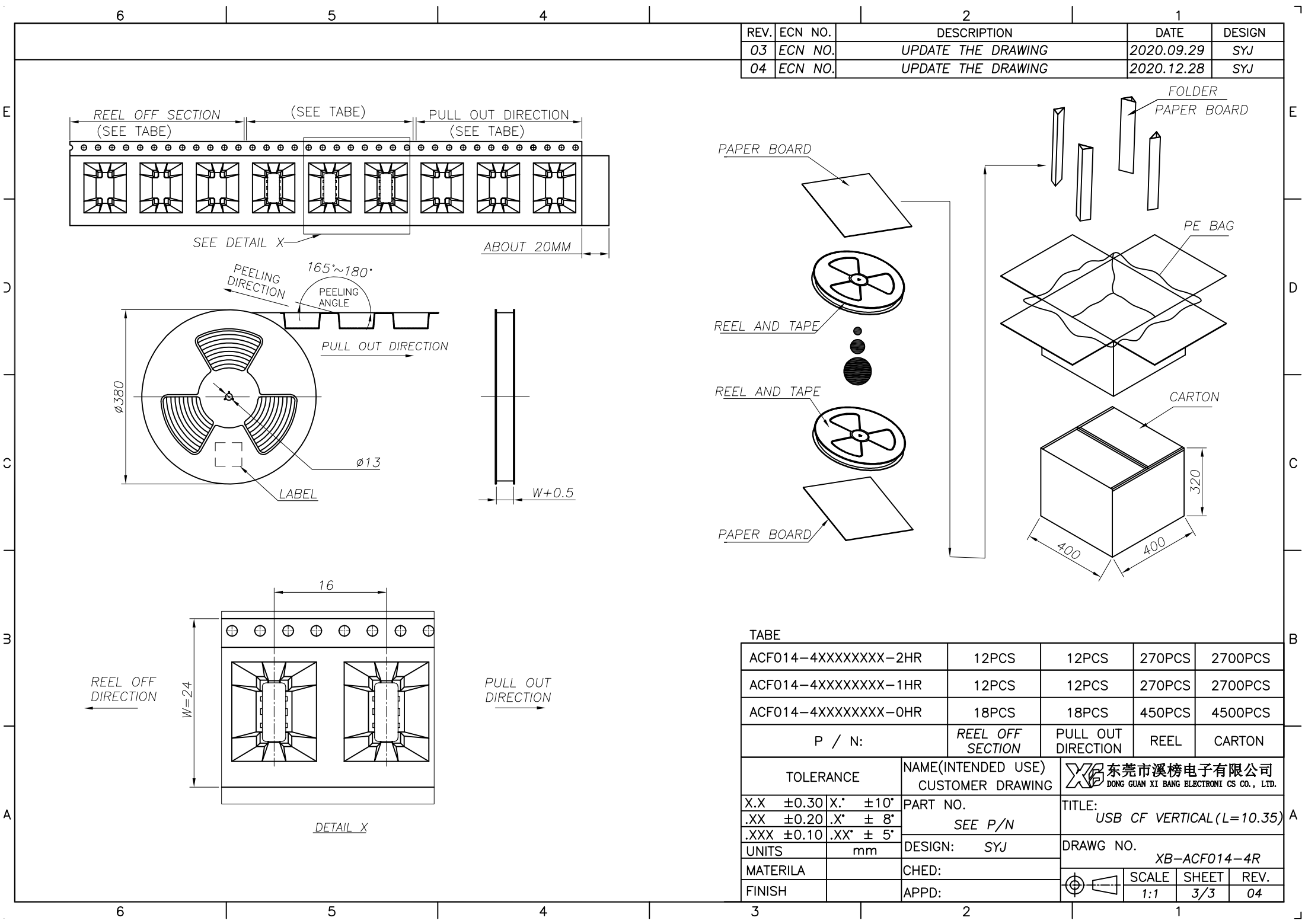
CONTACT SOLDER AREA PLATED

0: Sn
1: Au 1u"

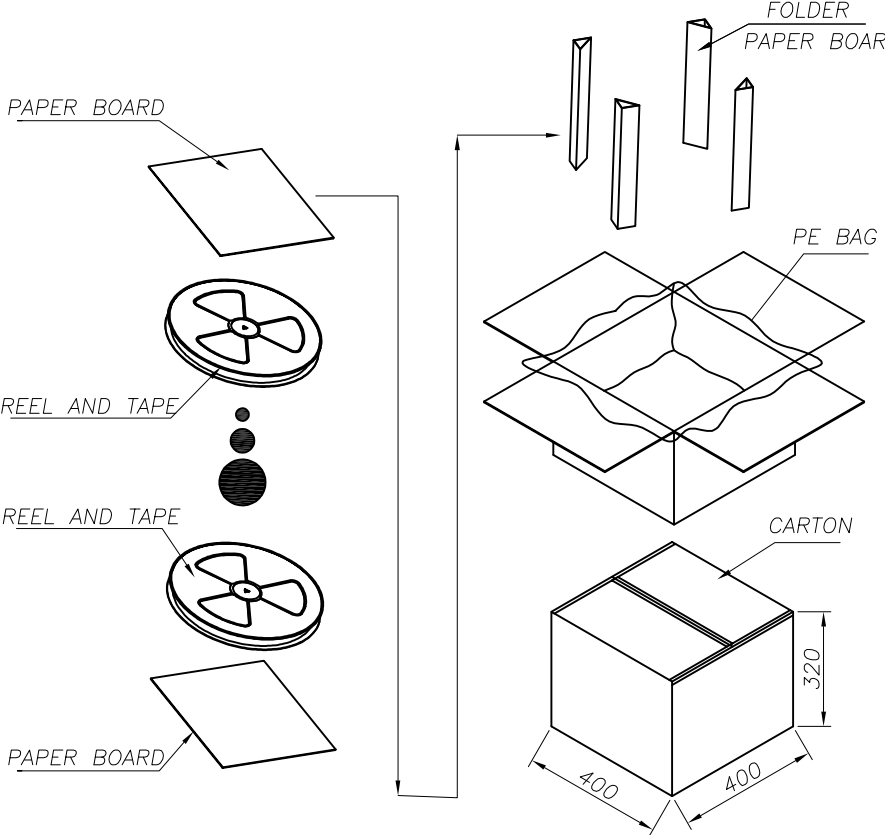
CONTACT MATERIAL

A: C1814
K: C7025

TOLERANCE	NAME(INTENDED USE) CUSTOMER DRAWING	XBB 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELBCTRONI CS CO., LTD.		
X.X ±0.30	X.* ±10°	PART NO.	TITLE: USB CF VERTICAL(L=10.35)	
.XX ±0.20	.X.* ± 8°	SEE P/N		
.XXX ±0.10	.XX.* ± 5°	DESIGN: SYJ	DRAWG NO.	
UNITS	mm		XB-ACF014-4R	
MATERILA		CHED:		
FINISH		APPD:		
			SCALE	SHEET
			1:1	2/3
			REV.	04



REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
03	ECN NO.	UPDATE THE DRAWING	2020.09.29	SYJ
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TABE

ACF014-4XXXXXXXX-2HR	12PCS	12PCS	270PCS	2700PCS
ACF014-4XXXXXXXX-1HR	12PCS	12PCS	270PCS	2700PCS
ACF014-4XXXXXXXX-0HR	18PCS	18PCS	450PCS	4500PCS
P / N:	REEL OFF SECTION	PULL OUT DIRECTION	REEL	CARTON
TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XB 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.	
X.X ±0.30	X.* ±10°	PART NO.	TITLE: USB CF VERTICAL (L=10.35)	
.XX ±0.20	.X* ± 8°	SEE P/N		
.XXX ±0.10	.XX* ± 5°	DESIGN: SYJ	DRAWG NO. XB-ACF014-4R	
UNITS	mm	CHED:		
MATERILA		APPD:		
FINISH				
			SCALE 1:1	SHEET 3/3
				REV. 04