

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
01	ECN NO.	INITIAL RELEASED	2021.04.20	PJF
02	ECN NO.	UPDATE THE DRAWING	2021.08.20	PJF

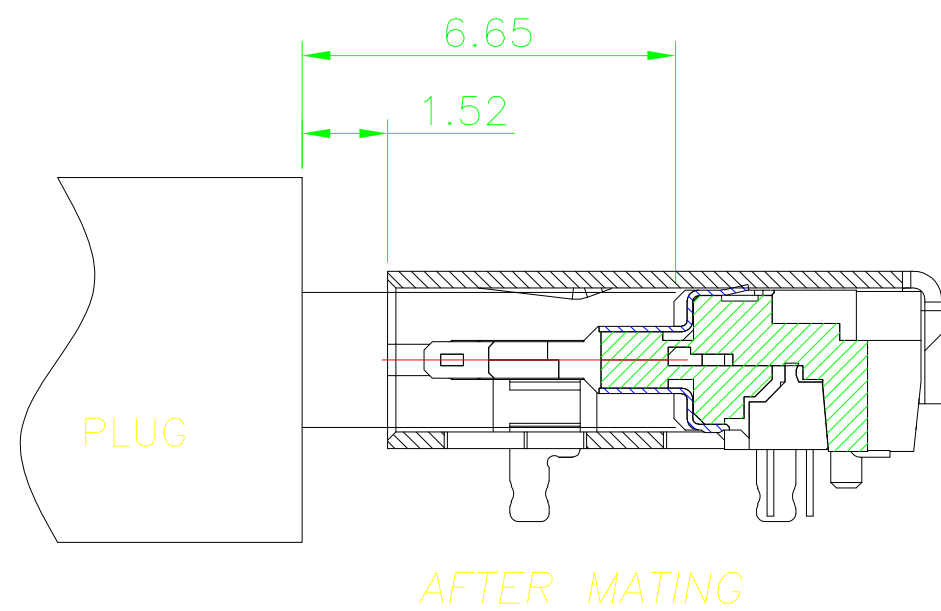
NOTE:

- 1.MATERIAL SPECIFICATION:
1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
2.CONTACTS:COPPER ALLOY
3.MID PLATE&SPRING: STAINLESS STEEL
4.FRONT SHELL: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
2-1.CONTACTS:
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 & COVER:
Ni 30u” MIN. UNDER PLATED OVER ALL.
- 2-3.MID PLATE & EMI SPRING:
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. CURRENT RATING:3.0A
VOLTAGE RATING:5.0V
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.

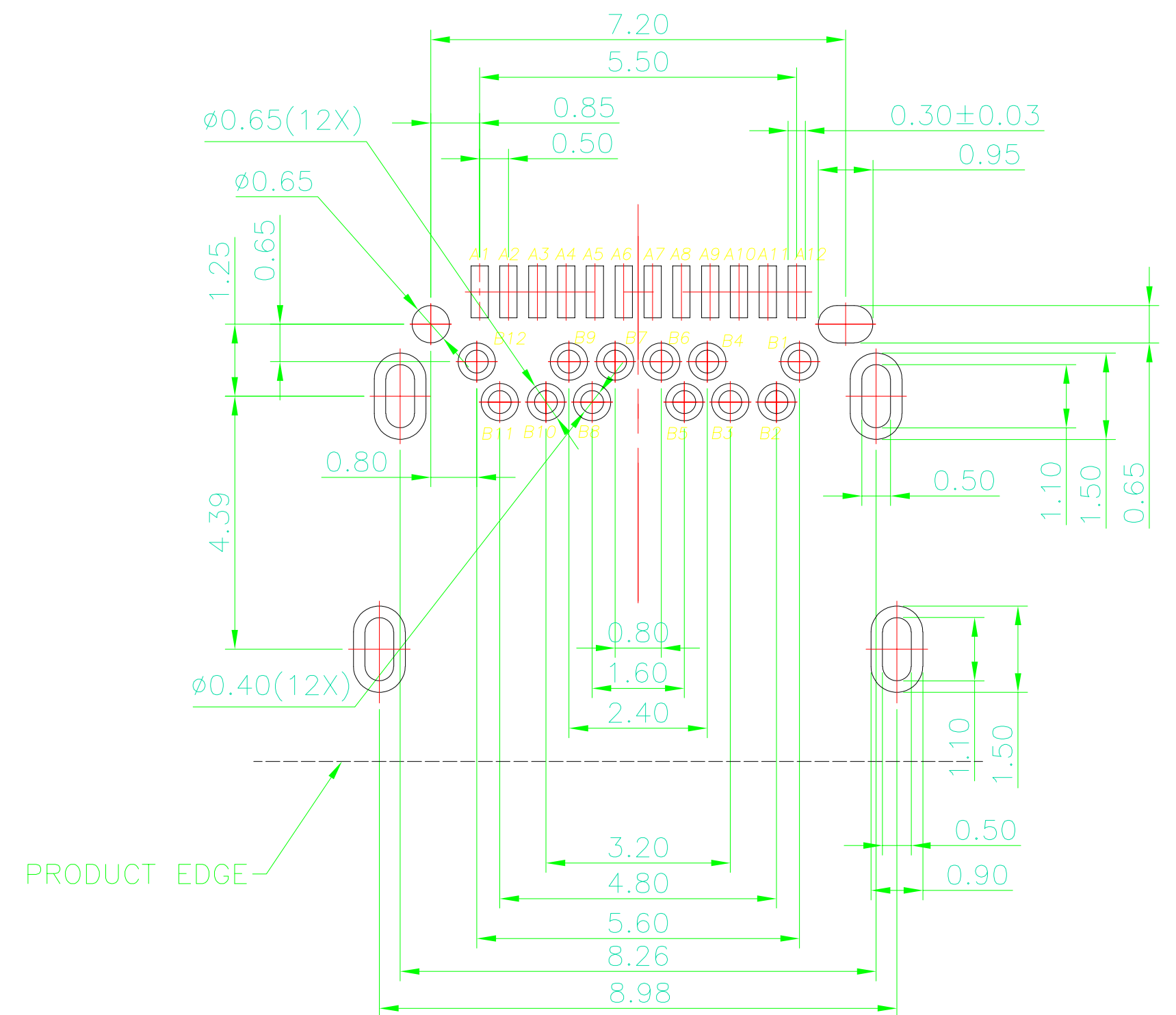
TABLE 1

ITEM	P/N	HOUSING COLOR	CONTACTS	
			FUNCTIONAL AREA	SOLDER AREA
1	ACF005-3E1H1A103-0HR	BLACK	Au:3u”	Au:G/F
2	ACF005-3E1H1A130-0HR	BLACK	Au:30u”	Au:G/F
3	ACF005-3E1H1A115-0HR	BLACK	Au:15u”	Au:G/F

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.	TITLE: USB CF TYPE DIP+SMT SHELL WITHOUT SPRING			
.XX ±0.20	.X° ± 8°	SEE TABLE 1				
.XXX ±0.10	.XX° ± 5°	DESIGN: PJF	DRAWG NO. XB-ACF005-3R			
UNITS	mm					
MATERILA	----	CHED:	SCALE 1:1 SHEET 1/3 REV. 02			
FINISH	-----	APPD:				

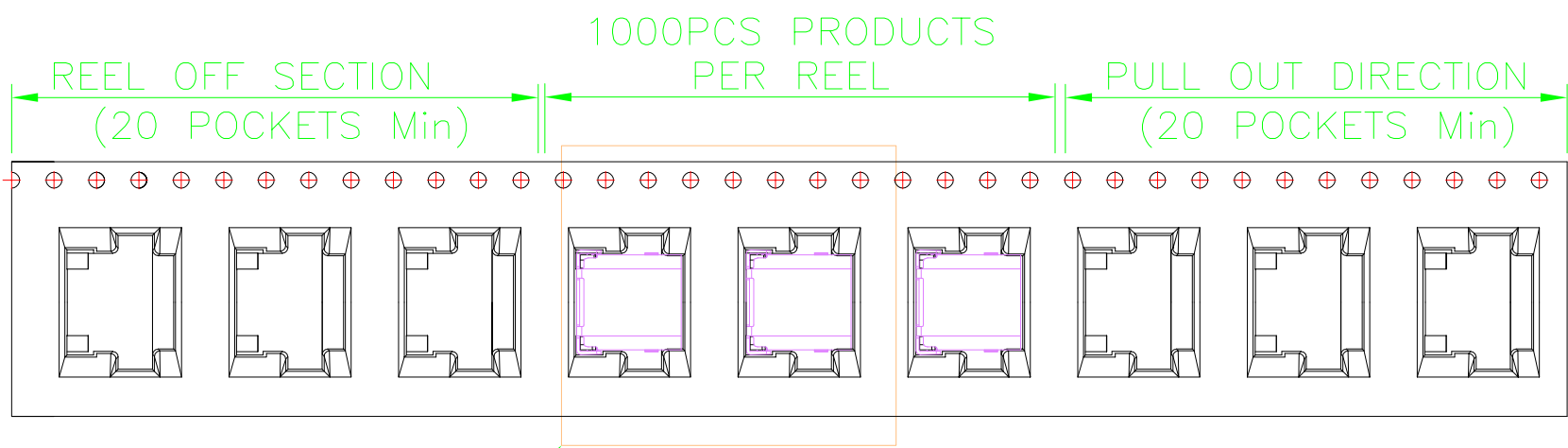


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.XXX ±0.10	.XX° ± 5°					
UNITS	mm	DESIGN: PJF		DRAWG NO. XB-ACF005-3R		
MATERILA	----	CHED:		 SCALE SHEET REV. 1:1 2/3 02		
FINISH	-----	APPD:				

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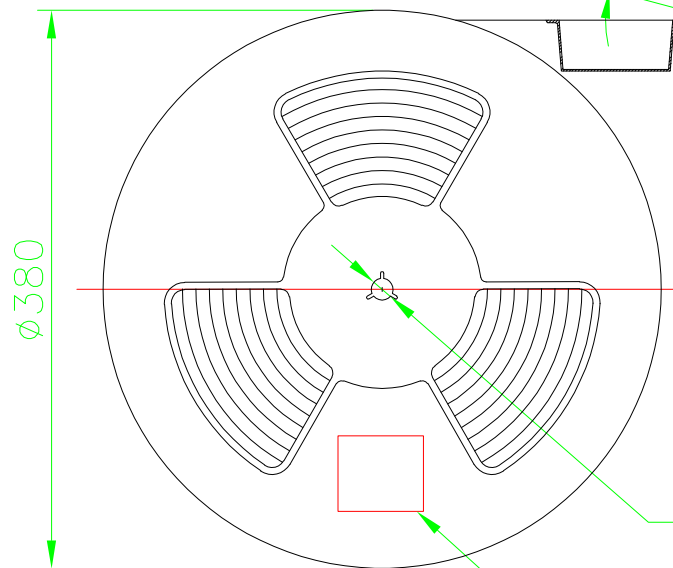


SEE DETAIL X

PEELING
DIRECTION

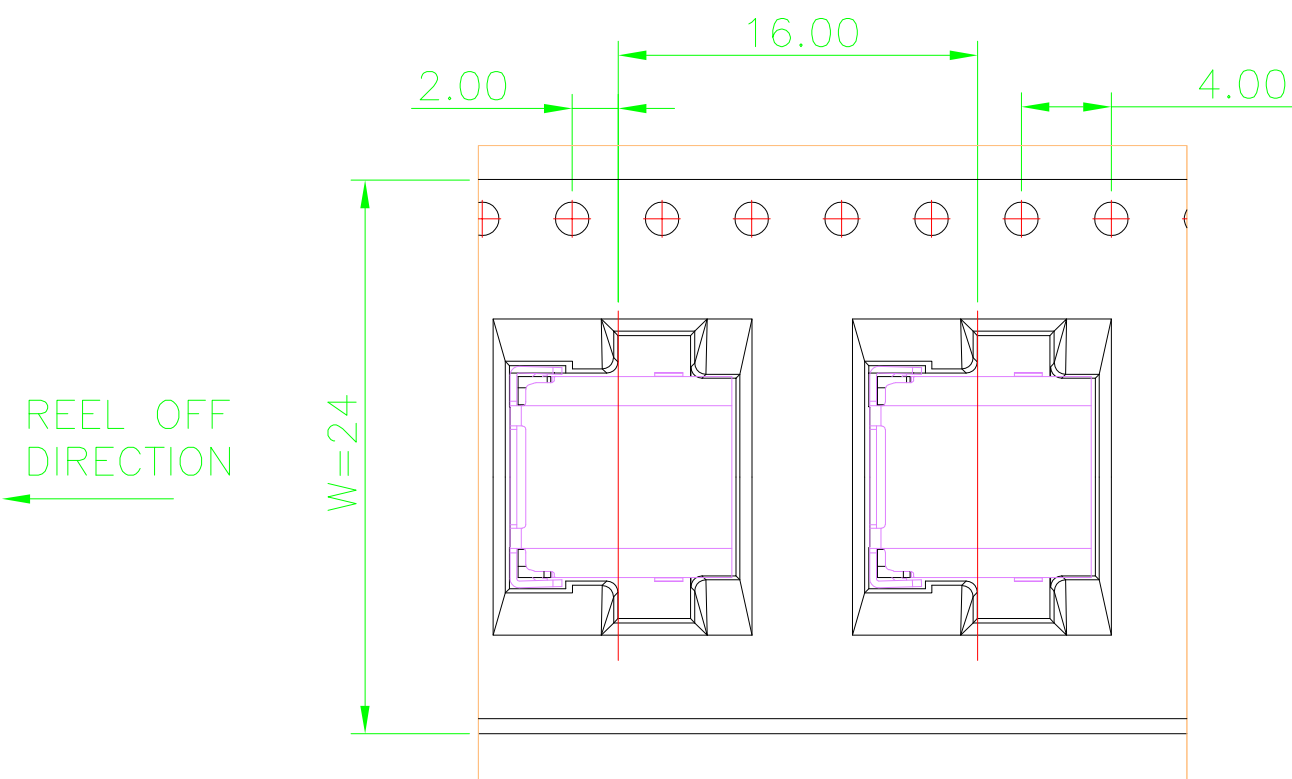
165°~180°
PEELING
ANGLE

PULL OUT DIRECTION

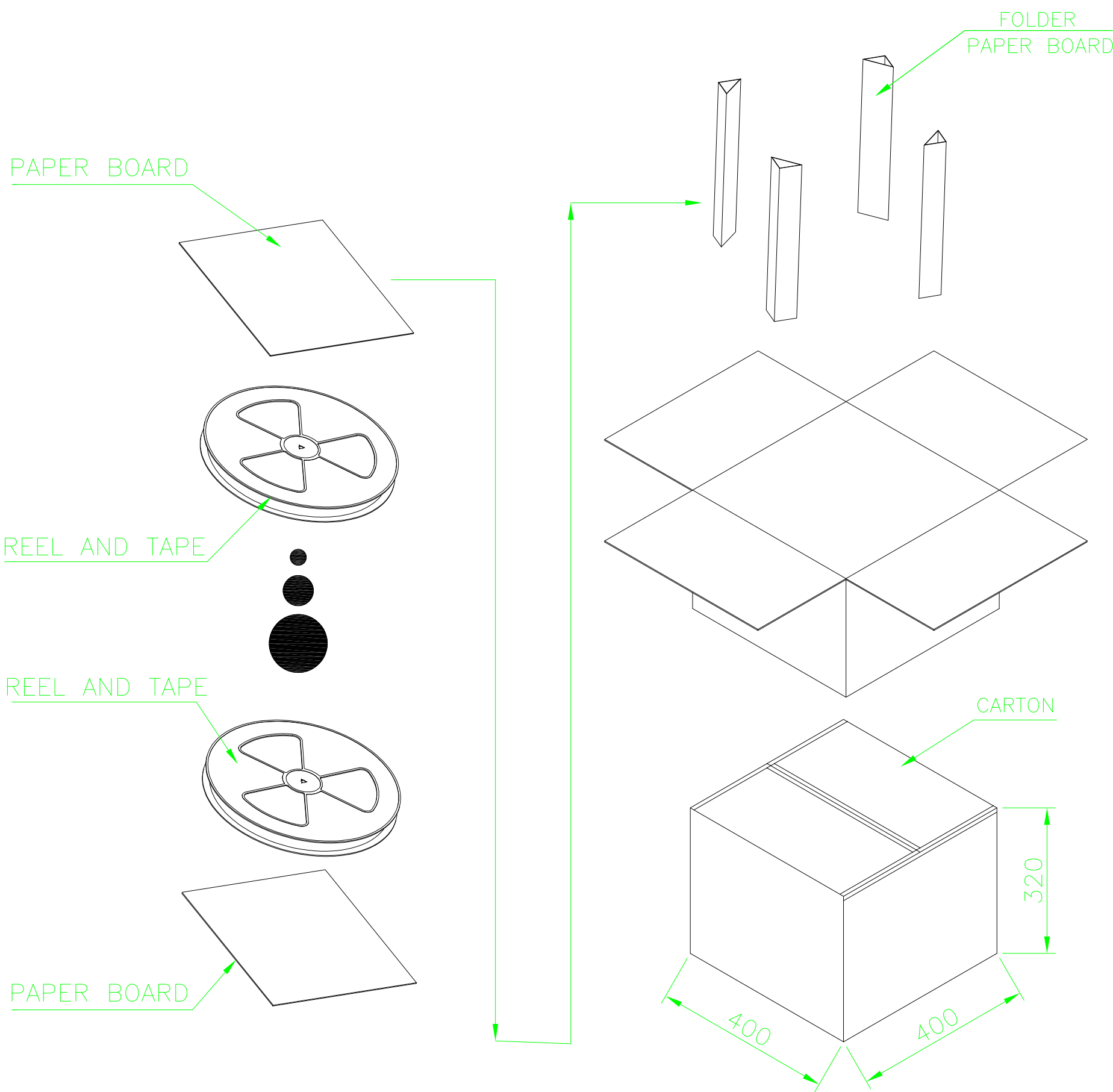


LABEL

W+0.5



DETAIL X
SCALE 2:1



	REEL/TRAY	CARTON
CONNECTOR (PCS)	1000	10000

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X.X ±0.30	X.* ±10°	PART NO.		TITLE: USB CF TYPE DIP+SMT SHELL WITHOUT SPRING				
.XX ±0.20	.X° ± 8°	SEE P/N						
.XXX ±0.10	.XX* ± 5°	DESIGN: PJF		DRAWG NO. XB-ACF005-3R				
UNITS	mm	CHED:						
MATERILA	----	APPD:		 		SCALE	SHEET	REV.
FINISH	-----					1:1	3/3	02