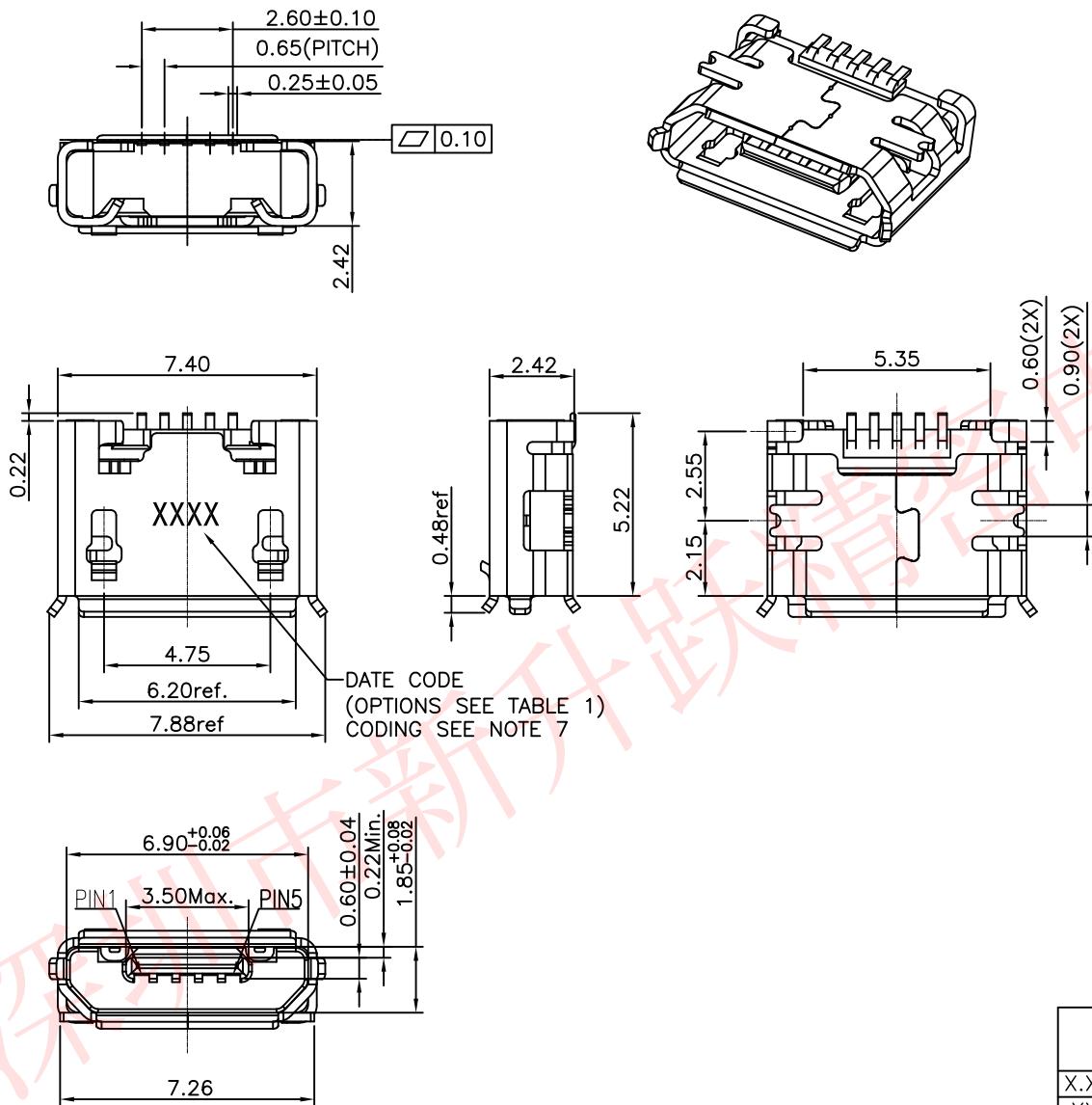


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REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	NEW DRAWING	2025.05.08	Janus

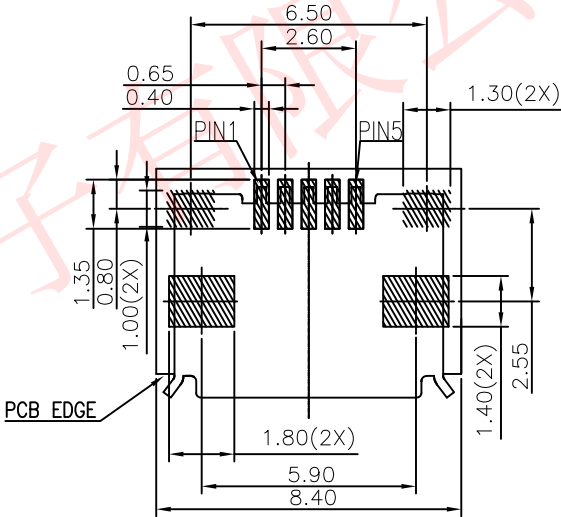


NOTE:
1.MATERIAL SPECIFICATION:
1.HOUSING:SEE TABLE 1,UL94 V-0 BLACK.
2.CONTACTS: BRASS(C2680 T=0.15)
3.FRONT SHELL: STAINLESS STEEL(SUS201 T=0.3)
2.PLATING SPECIFICATION:
2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
2-2.FRONT SHELL:
MATTE SN 50u" MIN. PLATING OVER ALL.
50u" MIN. NICKEL UNDER PLATING OVER ALL.
3.MECHANICAL PERFORMANCE,
3-1.INSERTION FORCE: 3.5kgf MAX
3-2.REMOVAL FORCE: 0.8kgf MIN
3-3.DURABILITY: 10000 CYCLES.
4.ELECTRICAL PERFORMANCE,
4-1.CURRENT RATING:
VBUS & GND PINS: 1.8A MAX.
OTHER PINS: 0.5A MAX.
4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 30mΩ/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	XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO., LTD			
X.X	±0.38	X.*	±10°	PART NO.	TITLE: MICRO USB 5P SMT TYPE WITHOUT POST	
.XX	±0.25	.X*	± 8°		DRAWG NO. C-103006	
.XXX	±0.10	.XX*	± 5°			
UNITS		mm		DESIGN: Arvin		
MATERILA				CHED:		
FINISH				APPD:		
					SCALE 1:1	SHEET 1/3
						REV. A

MICRO USB PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
Pin1	VBUS
Pin2	D-
Pin3	D+
Pin4	ID
Pin5	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)
DEFAULT TOLERANCE:±0.05

P/N: 103006-211101

2:SMT ——— SERIES NUMBER:01~99

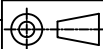
CONTACT AREA PLATED

1: Au G/F

SOLDER AREA PLATED

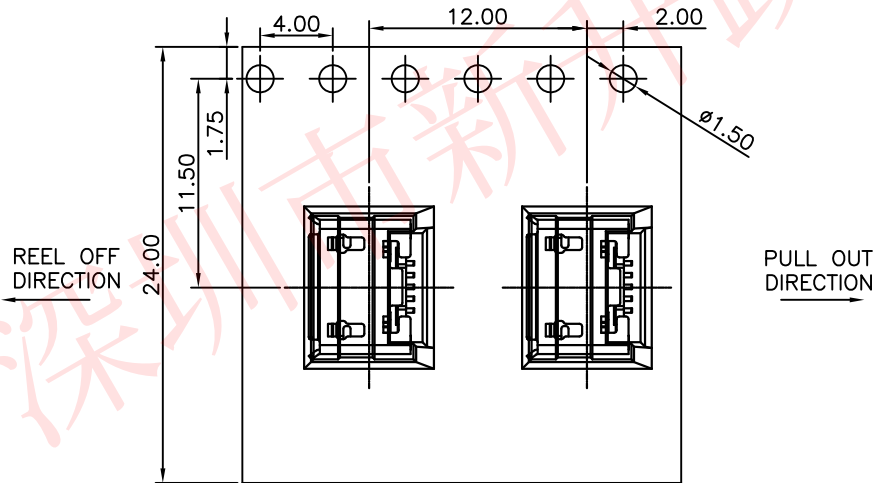
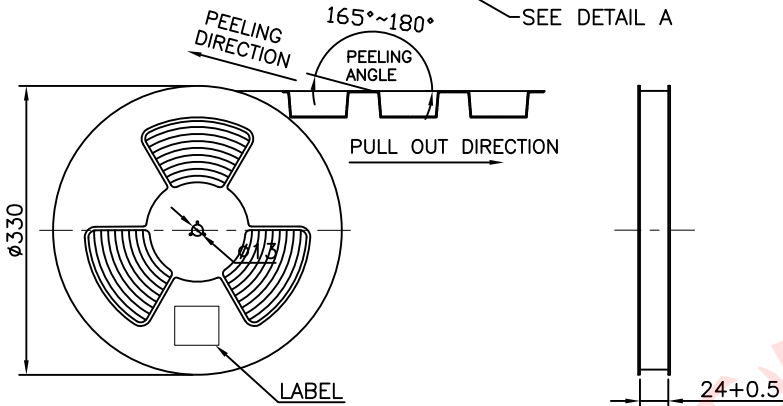
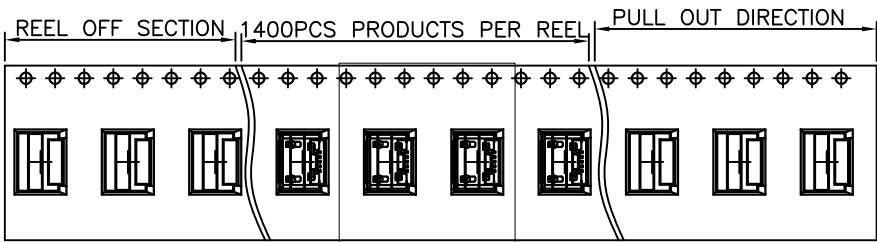
1: Au G/F

PACKAGING:1.REEL ———

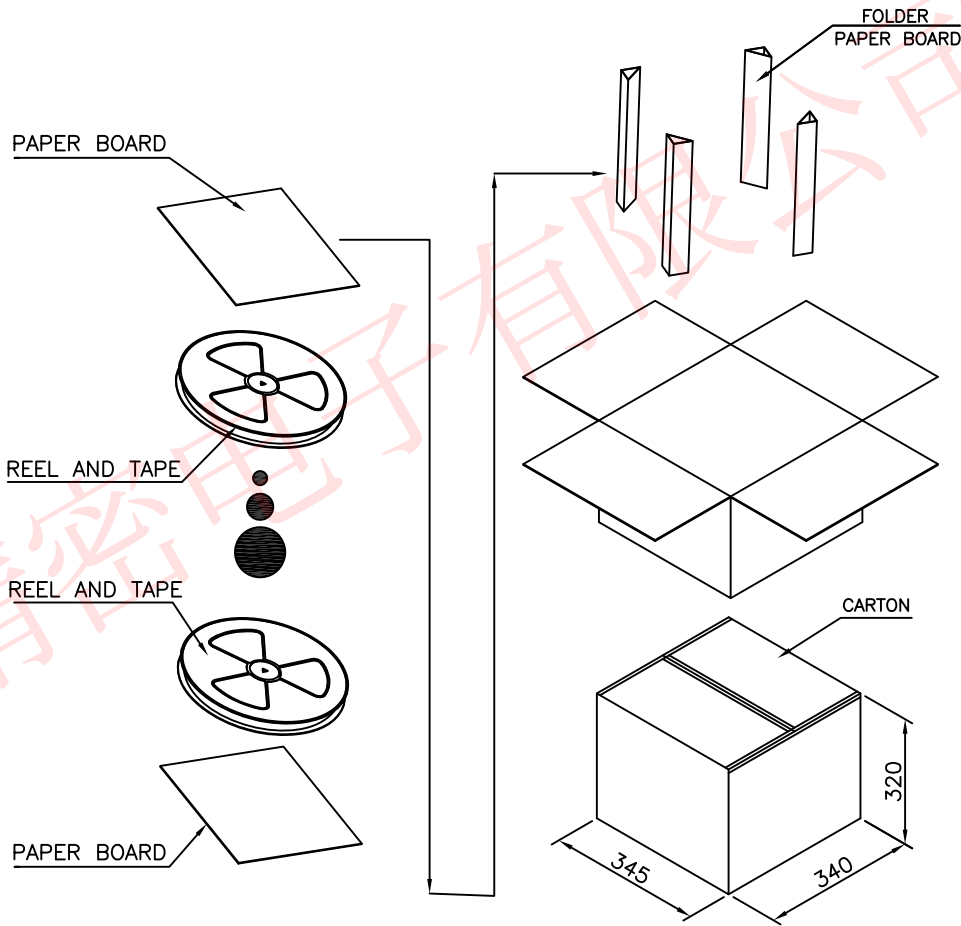
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.XX	±0.25	.X*	± 8°		SMT TYPE WITHOUT POST		
.XXX	±0.10	.XX*	± 5°		DRAWG NO. C-103006		
UNITS		mm		DESIGN: Arvin	 SCALE 1:1		
MATERILA				CHED:			
FINISH				APPD:			
						SHEET 2/3	REV. A

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REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
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DETAIL A
SCALE 1:2



	REEL/TRAY	CARTON
CONNECTOR (PCS)	1400	14000

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X.X ±0.38 X.* ±10°	PART NO.	TITLE: MICRO USB 5P SMT TYPE WITHOUT POST			
.XX ±0.25 .X.* ± 8°	DESIGN: Arvin	DRAWG NO. C-103006			
.XXX ±0.10 .XX.* ± 5°	CHED:				
UNITS mm	APPD:				
MATERILA					
FINISH					
		SCALE 1:1	SHEET 3/3	REV. A	