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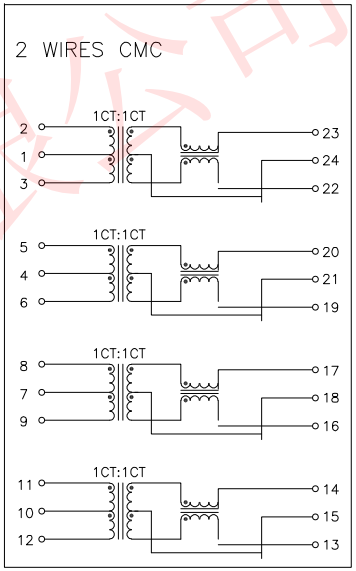
REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2026.09.04	JASON

- RoHS compliant.
- Meets IEEE 802.3 specification
- Operation temperature: 0°C~70°C.

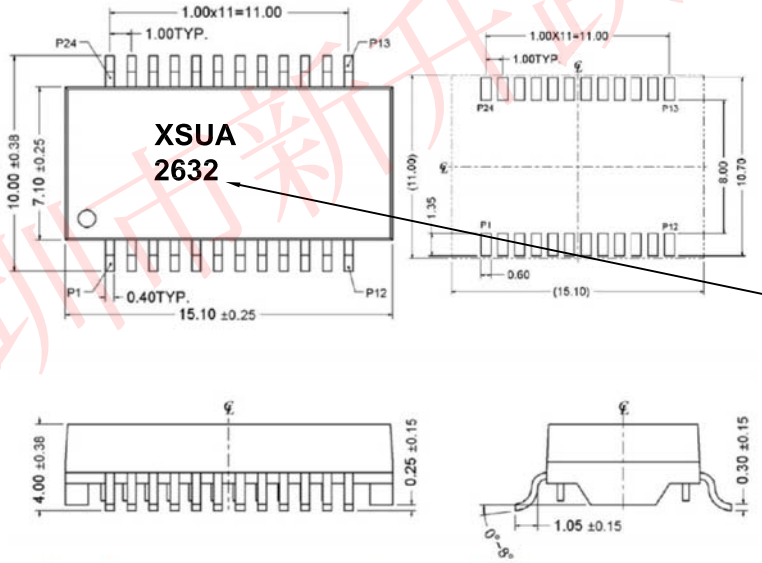
ELECTRICAL SPECIFICATIONS @ +25°C UNLESS OTHER SPECIFIED

Inductance (OCL)	350 uH Min @ 100KHz/0.1V with 8mA DC Bias 25°C		
Hi-Pot	1500 Vrms, 1mA, 1Sec		
Turns Ratio	1.00 ± 2%		
DCR	1.20 OHM MAX		
Cw/w	28pF Typ @ 100KHz/0.1V		
Insertion Loss	1~100 MHz: -1.0 dB Max		
Return Loss	1~30 MHz	30~60 MHz	60~80 MHz
	-16 dB Min	-12 dB Min	-10 dB Min
Cross Talk	1~60 MHz	60~100 MHz	
	-42 dB Min	-35 dB Min	
CMRR	1~30 MHz	60 MHz	80~100 MHz
	-40 dB Min	-35 dB Min	-30 dB Min

SCHEMATIC



MECHANICAL



Note: 1、Dimension: mm, 2.Unless otherwise specified,tolerances are: ±0.25mm

P/N:121012-210001

MAGNETIC: 1:REEL
2:1000BASE-T

DATE CODE:YYWW

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 ±0.30	X.° ±10°	PART NO. SEE P/N	TITLE: 24PIN 4.0高度 1000M 两线 0~70℃
.XX ±0.20	.X° ± 8°		
.XXX ±0.10	.XX° ± 5°		
UNIT	mm	DESIGN: JASON	DRAWG NO. C-121012
MATERIAL	---	CHED: JASON	SCALE 1:1 / SHEET 1/2 / REV. A
FINISH	---	APPD: ARAY	

深圳市新升跃精密电子有限公司

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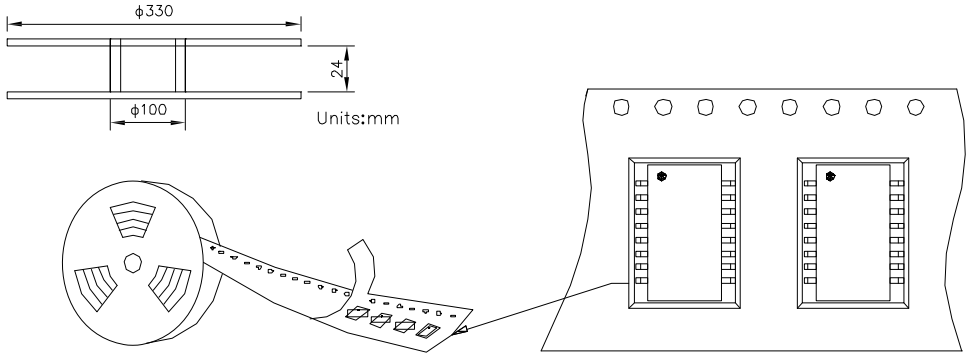
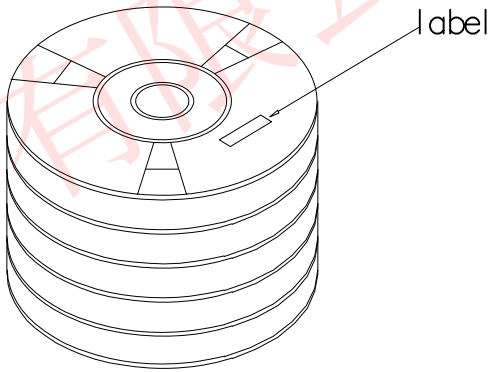
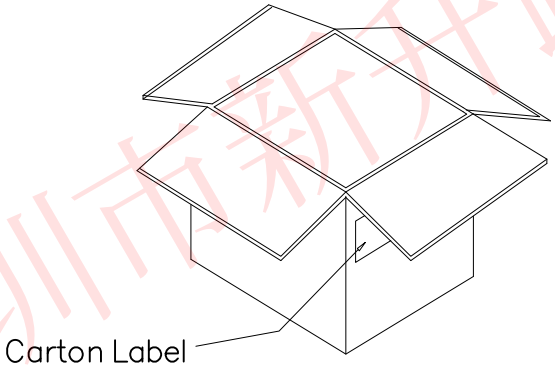
REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2026.09.04	JASON

PACKING SPECIFICATION



1. units/reel:850PCS
2. reel/carton:5PCS
3. units/carton:4250PCS





EXPORT CARTON:367(L)x337(W)x235(H)

深圳市新升跃精密电子有限公司

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 ±0.30	X.° ±10°	PART NO. SEE P/N	TITLE: 24PIN 4.0高度 1000M 两线 0~70℃
.XX ±0.20	.X° ± 8°		
.XXX ±0.10	.XX° ± 5°	DESIGN: JASON	DRAWG NO. C-121012
UNIT	mm	CHED: JASON	SCALE 1:1 / SHEET 2/2 / REV. A
MATERIAL	---	APPD: ARAY	
FINISH	---		