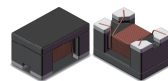


REACH & RoHS
COMPLIANT

1 Features And Benefits

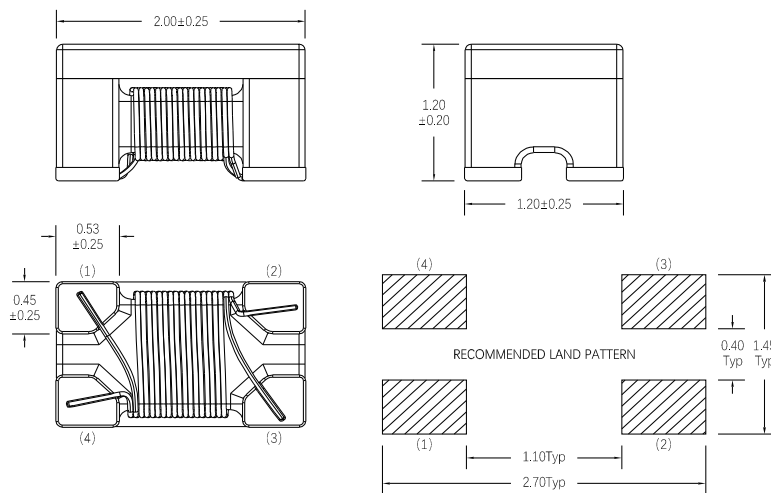
- High common mode impedance at high frequency effects excellent noise suppression performance
- 90Ω~1200Ω are optional for different noise level and signal frequency
- Suppression of Common Mode Noise Without Attenuating The Signal
- High-Quality Product That Uses Auto Winding
- Operating temperature -40℃ to +105℃
- Available in 1212(0805) Size
- RoHS Compliant



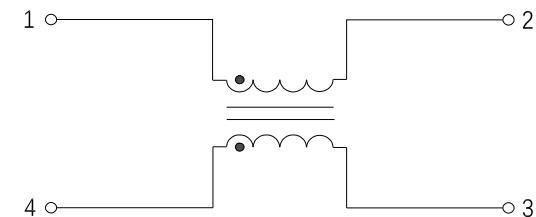
2 Electrical Specifications @ 25℃

Part Number	Common Mode Impedance (Ω typ) @100MHZ	DC Resistance (Ω MAX)	Rated Voltage (Vdc)	Rated Current (mA MAX)	Withstanding Voltage (Vdc)	Insulation Resistance (MΩ MIN)
WHLC-2012A-121T0	120	0.3	50	400	125	10

3 Dimensions (mm)& recommend layout



4 Schematics



VOOHU 苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

TITLE:
Common Mode Choke

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
WHLC-2012A-121T0

SCALE
1:1

REV
A0

x±0.35
.x±0.30

x°±3.0°
.x°±2.0°

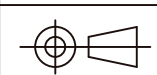
CHECKED BY:
Elvis.Song

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

REMARK:

SHEET
1/3



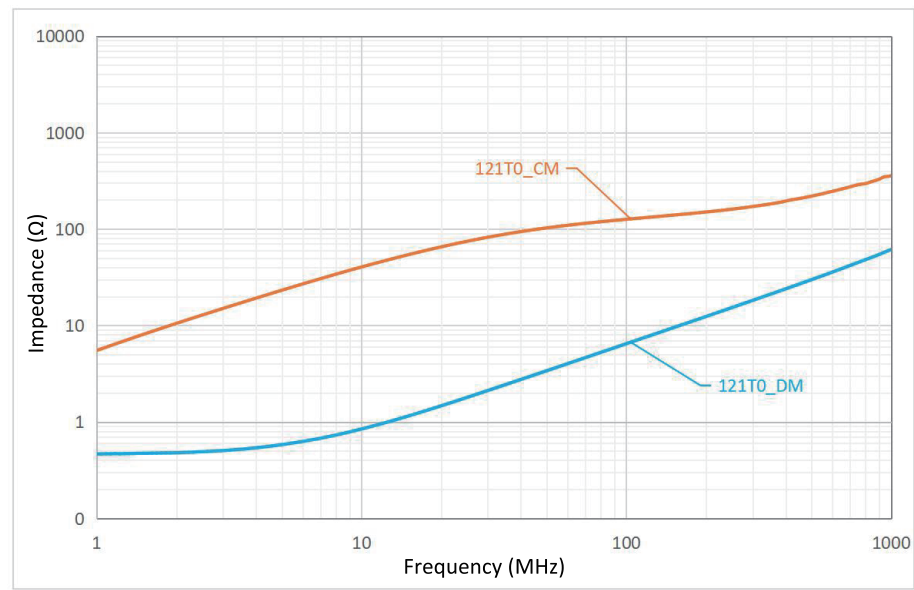
.xx±0.25
.xxx±0.10

.xx°±1.5°
.xxx°±1.0°

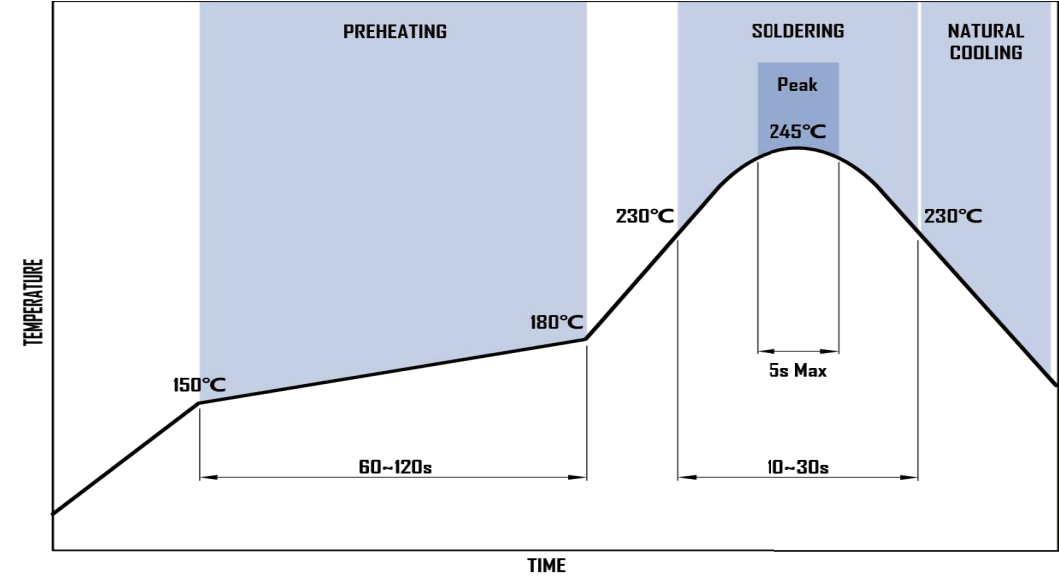
DESIGNED BY:
Sunny.Xu

REACH & RoHS
COMPLIANT

5 Impedance VS. Frequency

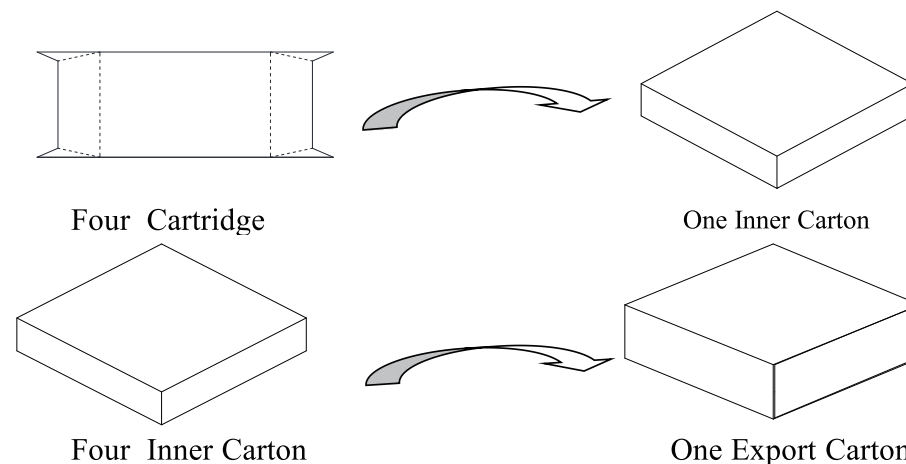
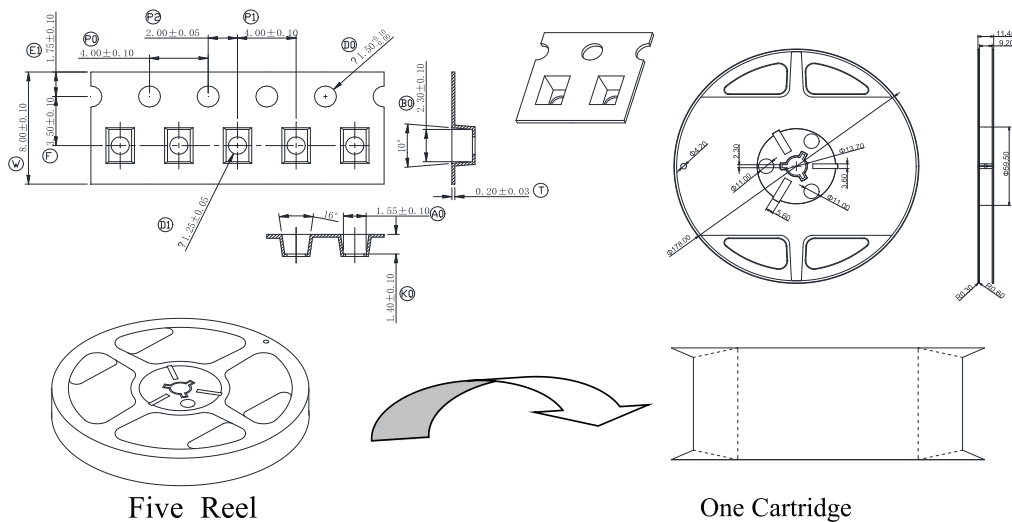


6 Recommended Reflow Profile



VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd	TITLE: Common Mode Choke		SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
	PART NO.: WHLC-2012A-121T0		SCALE 1:1	REV A0	.xx±0.35	x°±3.0°	CHECKED BY: Elvis.Song
	REMARK:		SHEET 2/3		.xx±0.25	.xx°±1.5°	DESIGNED BY: Sunny.Xu
TEL: +86 400 1048 018		WEB: WWW.WOHU-TEK.COM			.xxx±0.10	.xxx°±1.0°	

7 Packaging specification



Package Quantity:
One Reel=2K Pcs
One Cartridge=2K*5=10K Pcs
One Inner Carton=10K*4=40K Pcs
One Export Carton=40K*4=160K Pcs

VCOHU 苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

TITLE:	Common Mode Choke
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PART NO.:
WHLC-2012A-121T0

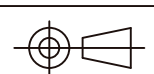
REMARK:

SIZE
A4

SCALE
1:1

SHEET
3/3

UNITS
MM[INCH]

REV
Λ0

GENERAL TOLERANCES
UNLESS SPECIFIED

	$x \pm 0.35$
	$.x \pm 0.30$
	$.xx \pm 0.25$
	$.xxx \pm 0.10$

$x^{\circ} \pm 3.0^{\circ}$
$.x^{\circ} \pm 2.0^{\circ}$
$.xx^{\circ} \pm 1.5^{\circ}$
$.xxx^{\circ} \pm 1.0^{\circ}$

APPROVED BY:
Geoffrey.Song

CHECKED BY:	Elvis.Song
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DESIGNED BY:
Sunny.Xu