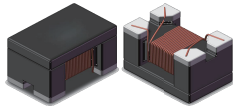


REACH & RoHS
COMPLIANT

1 Features And Benefits

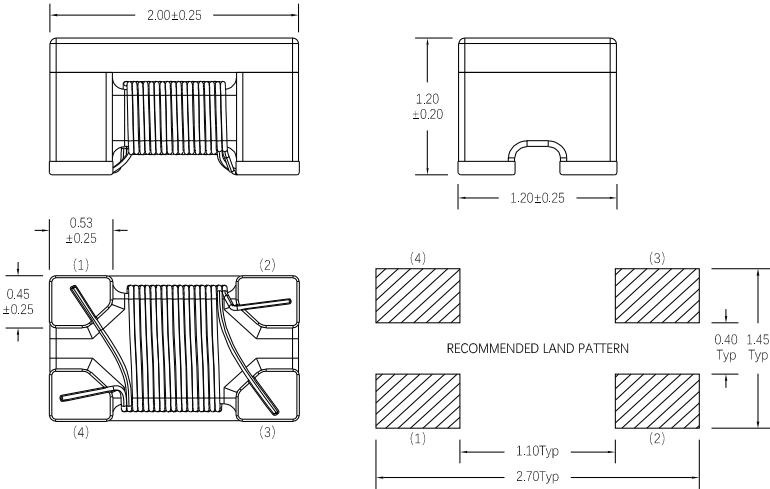
- High common mode impedance at high frequency effects excellent noise suppression performance
- 90Ω~1200Ω are optional for different noise level and signal frequency
- Suppression of Common Mode Noise Without Attenuating The Signal
- High-Quality Product That Uses Auto Winding
- Operating temperature -40℃ to +105℃
- Available in 2012(0805) Size
- RoHS Compliant



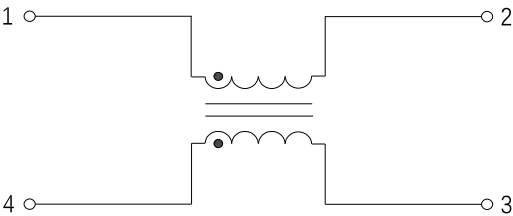
2 Electrical Specifications @ 25℃

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-900T0	90	0.35	50	300	125	10
WHLC-2012A-181T0	180	0.35	50	300	125	10
WHLC-2012A-261T0	260	0.4	50	300	125	10
WHLC-2012A-361T1	360	0.45	50	300	125	10
WHLC-2012A-381T0	380	0.45	50	300	125	10
WHLC-2012A-801T0	800	0.88	50	300	125	10
WHLC-2012A-102T0	1000	1.3	50	300	125	10
WHLC-2012A-122T0	1200	1.5	50	300	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

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

TITLE:
Common Mode Choke

PART NO.:
WHLC-2012A-181T0

REMARK:

SIZE
A4

SACLE
1:1

SHEET
1/3

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x±0.35
.x±0.30

.xx±0.25
.xxx±0.10

x°±3.0°
.x°±2.0°

.xx°±1.5°
.xxx°±1.0°

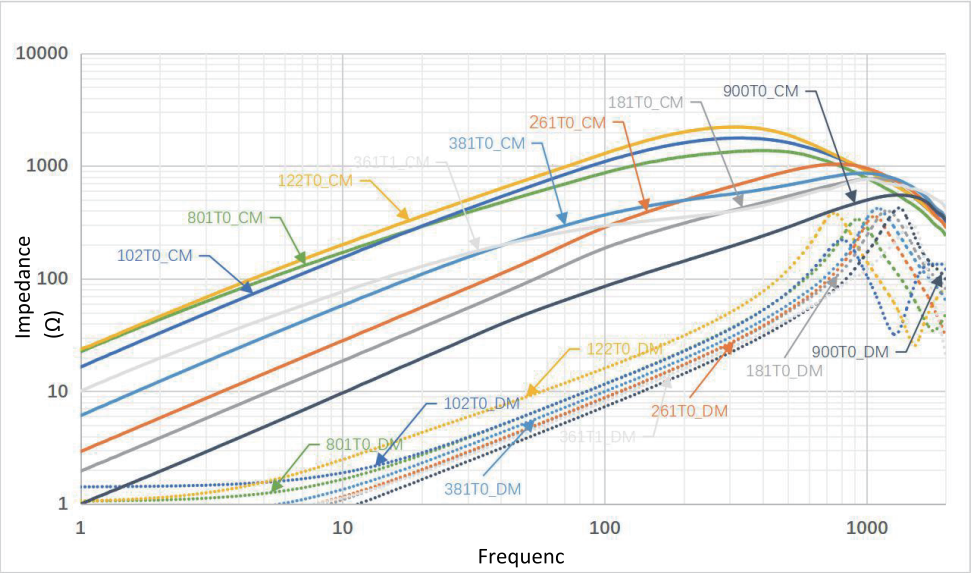
APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

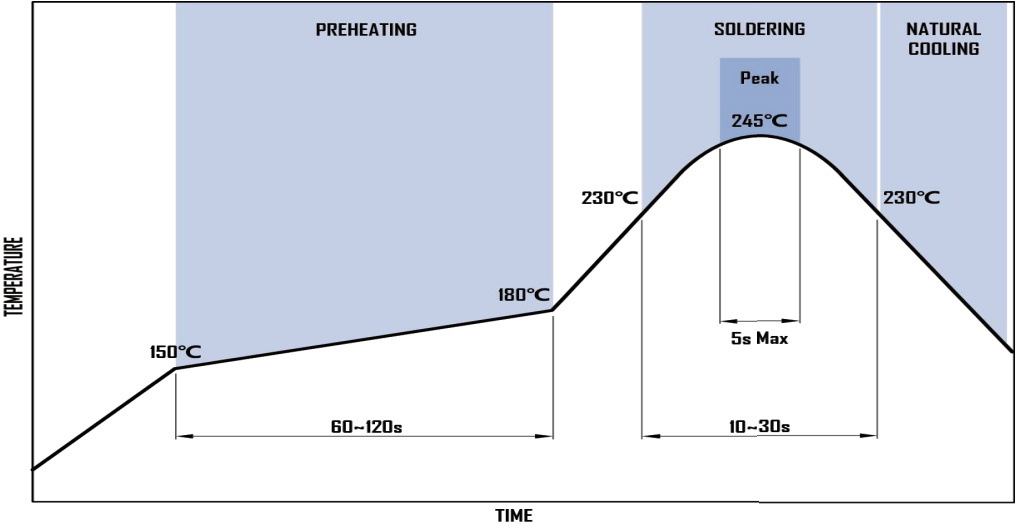
DESIGND BY:
Sunny.Xu

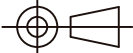
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5 Impedance VS. Frequency



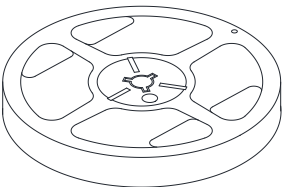
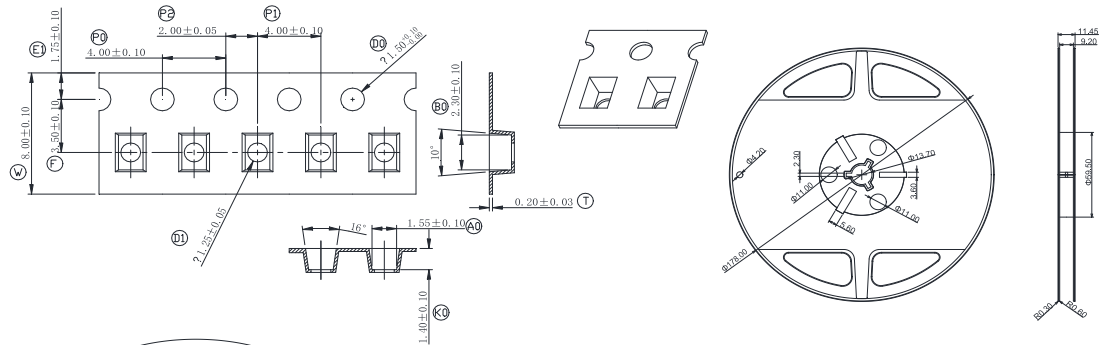
6 Recommended Reflow Profile



A	 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-181T0	SACLE 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 2/3		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: Sunny.Xu	

REACH & RoHS
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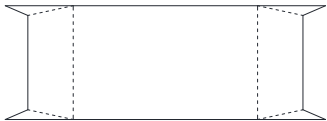
7 Packaging specification



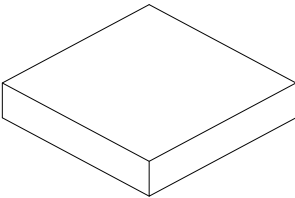
Five Reel



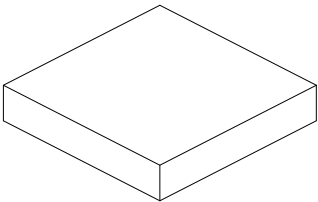
One Cartridge



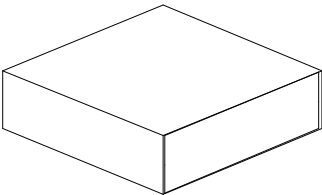
Four Cartridge



One Inner Carton

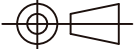


Four Inner Carton



One Export Carton

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

A	 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-181T0	SACLE 1:1	REV A0	$x \pm 0.35$	$x^\circ \pm 3.0^\circ$	CHECKED BY: Elvis.Song	
	TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM		REMARK:	SHEET 3/3		$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$	DESIGND BY: Sunny.Xu	