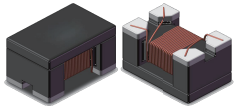
REACH & RoHS COMPLIANT

1 Features And Benefits

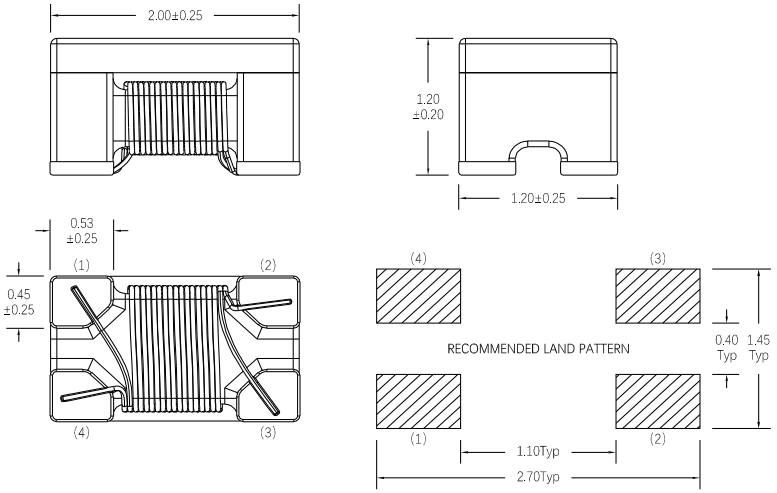
- High common mode impedance at high frequency effects excellent noise suppression performance
- 90Ω~1200Ω are optional for different noise level and signal frequency
- Suppression of Common Mode Noise Without Attenuating The Signal
- High-Quality Product That Uses Auto Winding
- Operating temperature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



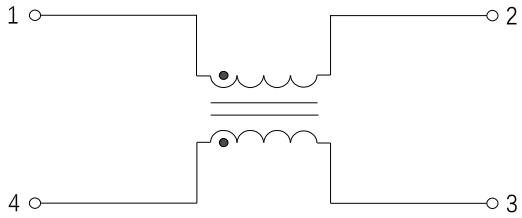
2 Electrical Specifications @ 25°C

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



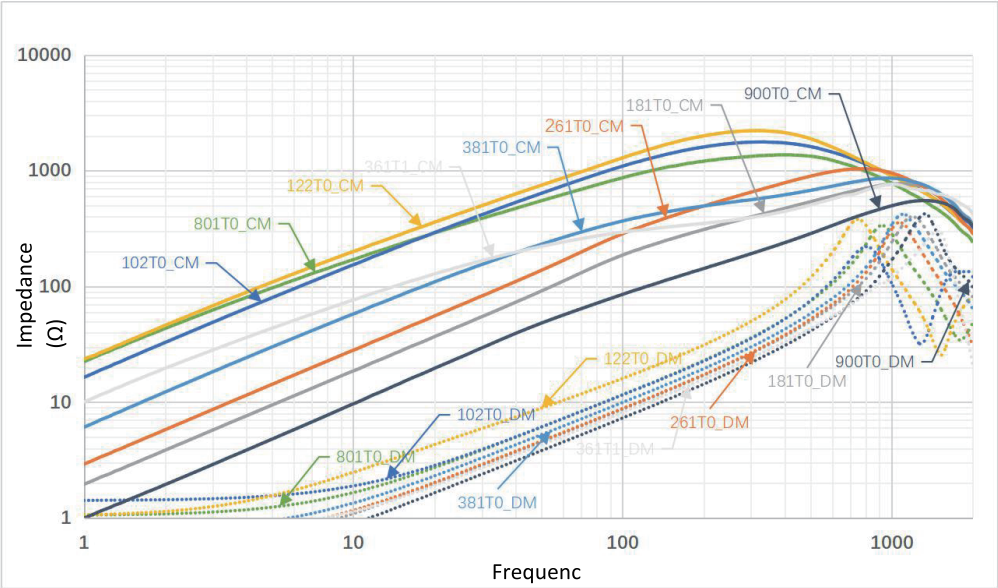
4 Schematics



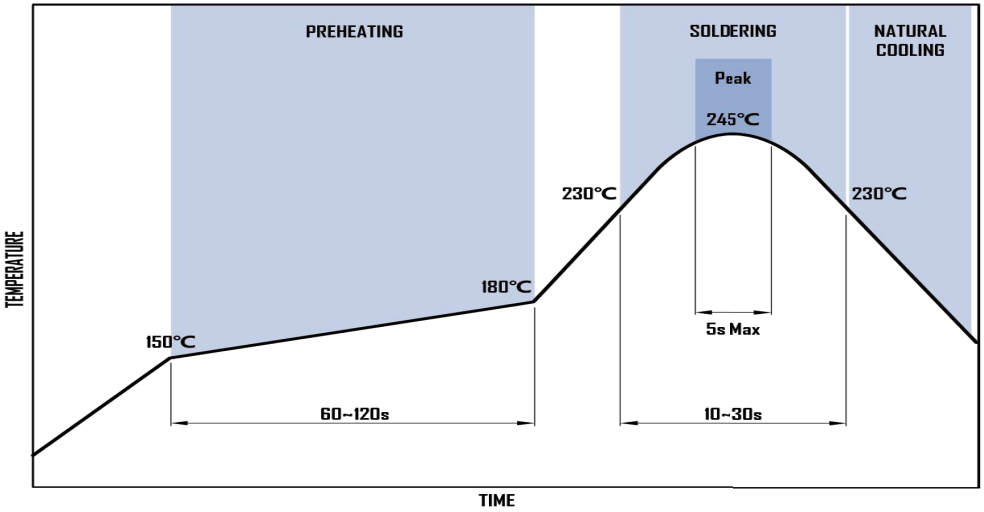
VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd	TITLE: Common Mode Choke	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
	PART NO.: WHLC-2012A-381T0	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
				.x±0.30	.x°±2.0°	
TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM	REMARK:	SHEET 1/3		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
				.xxx±0.10	.xxx°±1.0°	

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5 Impedance VS. Frequency



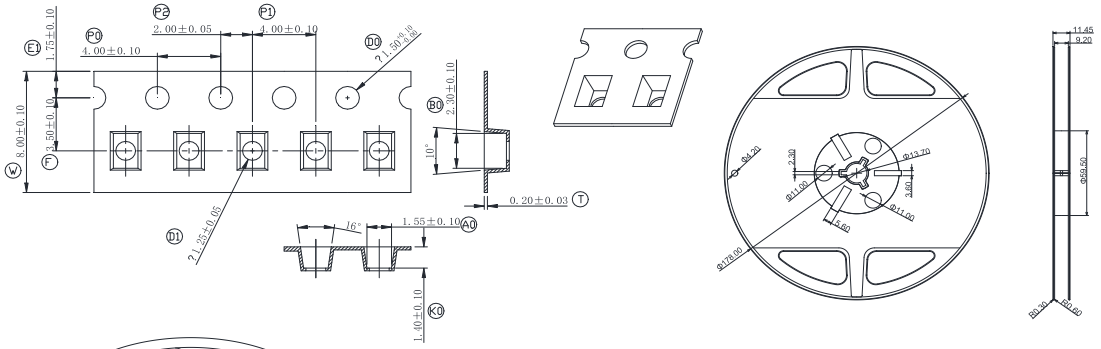
6 Recommended Reflow Profile

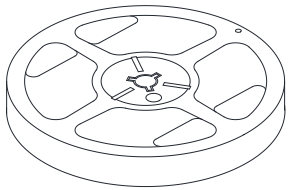


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				.x±0.30	.x°±2.0°	
TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM	REMARK:	SHEET 2/3		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
				.xxx±0.10	.xxx°±1.0°	

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7 Packaging specification





Five Reel



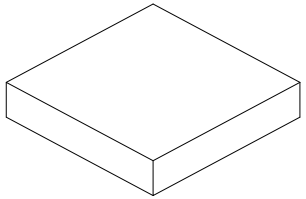


One Cartridge

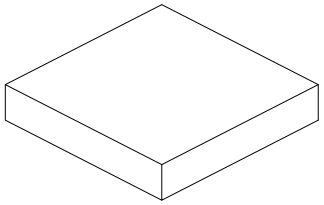


Four Cartridge



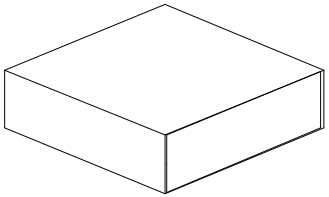


One Inner Carton



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

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
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				.x±0.30	.x°±2.0°	
TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM	REMARK:	SHEET 3/3		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
				.xxx±0.10	.xxx°±1.0°	