

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHLC-4532A-142T0

Version No.:

V0.1

Description:

Common Mode Line Filter

SUZHOU VOOHU Company Approval		Customer Approval (客户承认签章)
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2025/5/23		日期DATE: 2025/5/23

Please Return One Copy to Us After Approved,TKs! (承认后请回寄一份,谢谢)

VOOHU 沃虎
选沃虎 · 真靠谱

苏州沃虎电子科技有限公司
SuZhou Voohu Electronic Tech.Co.,Ltd

地址：江苏省苏州市吴江区开平商务中心G栋13楼
ADD: Building A, Alpha Building, Wujiang District,
Suzhou City, Jiangsu Province

TEL: 400 1048 018 WEB: www.wohu-tek.com/
+86 13338655578 E-MAIL: wohu@wohu-tek.com

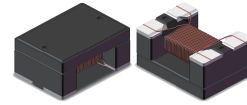
Revision History

[illegible]

DESCRIPTION	PART NO.	REV:R0
Common Mode Line Filter	WHLC-4532A-142T0	PAGE:1/4

1 Features And Benefits

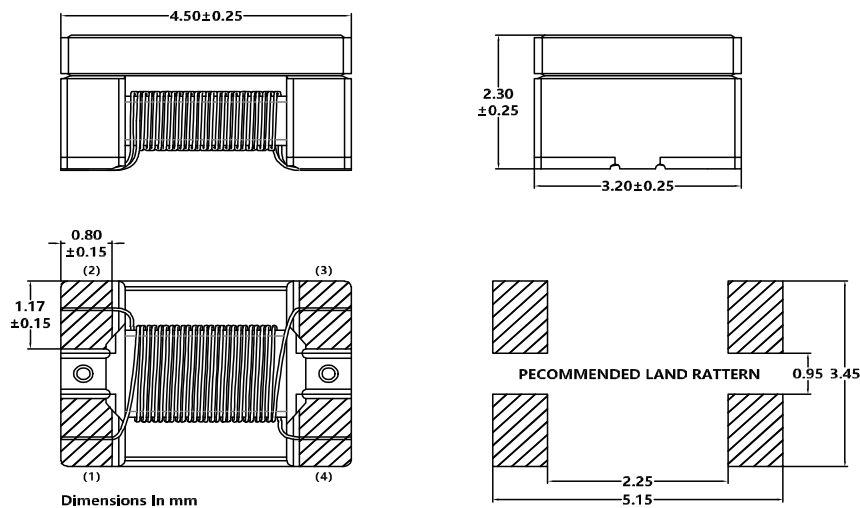
- Wire wound constructure common mode choke with best EMI suppression effect high impedance but very high rated current and low DCR
- Preventive measure against common mode noise radiation emissions from power line or else.
- Best for high current circuit such as car, wireless charging and power devicedesign.
- RoHS Compliant
- Operating Temperature: -40℃ to +105℃



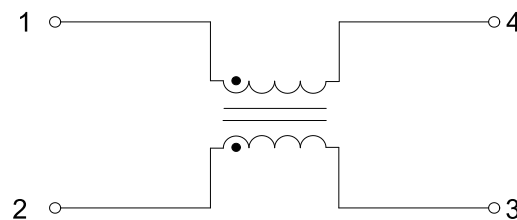
2 Electrical Specifications @ 25℃

Part Number	Common Mode Impedance (Ω)	Frequency (MHz)	RDC (mΩ)Max	Rated Current (mA) Max	Isolation Resistance (MΩ) Min	Rated Voltage (V) Max	Tolerance (±%)
WHLC-4532A-142T0	1400	100	250	700	10	50	25

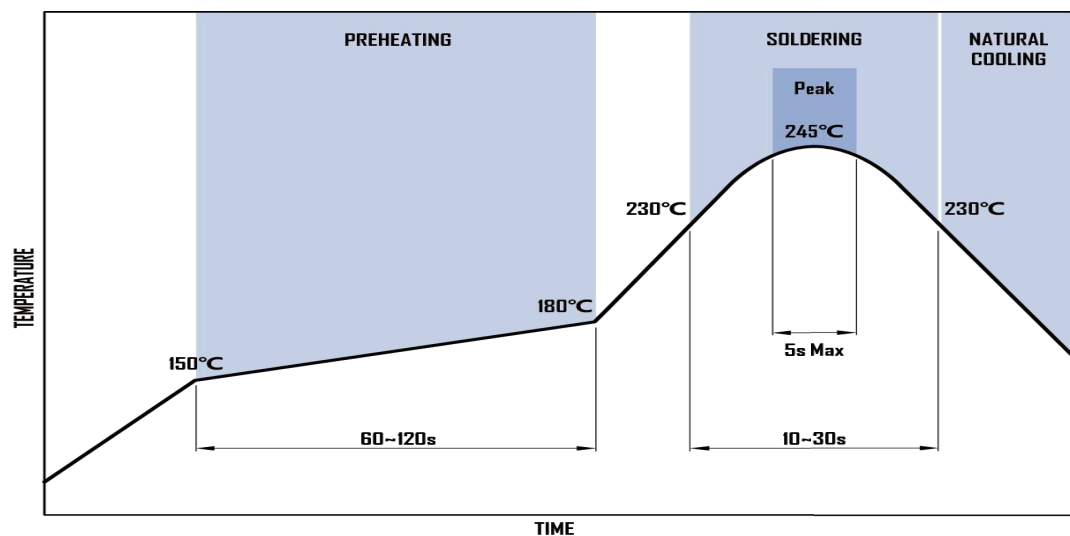
3 Dimensions (mm)& recommend layout



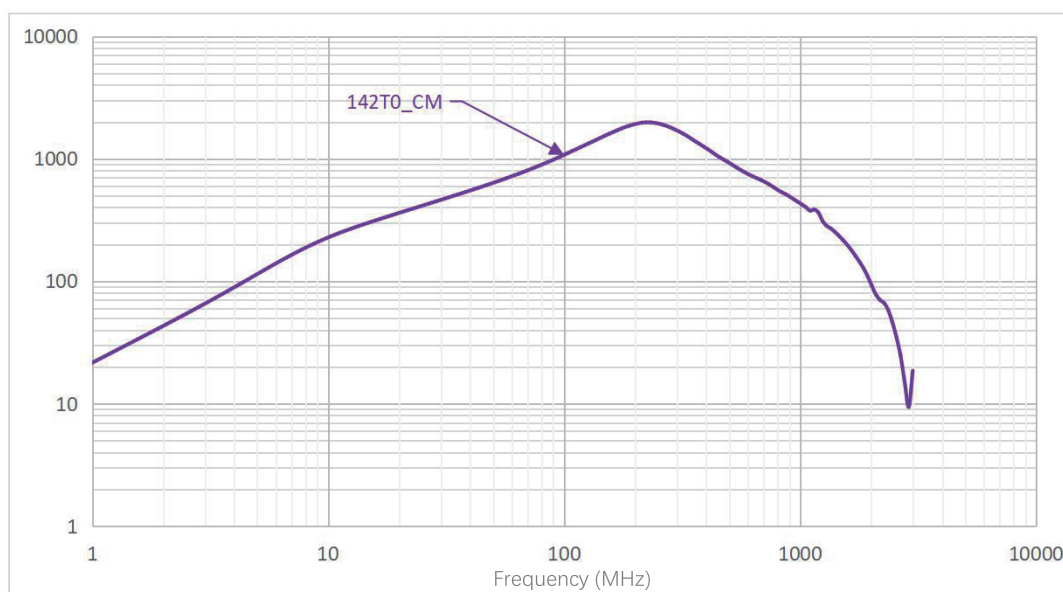
4 Schematics



5 Recommended Reflow Profile

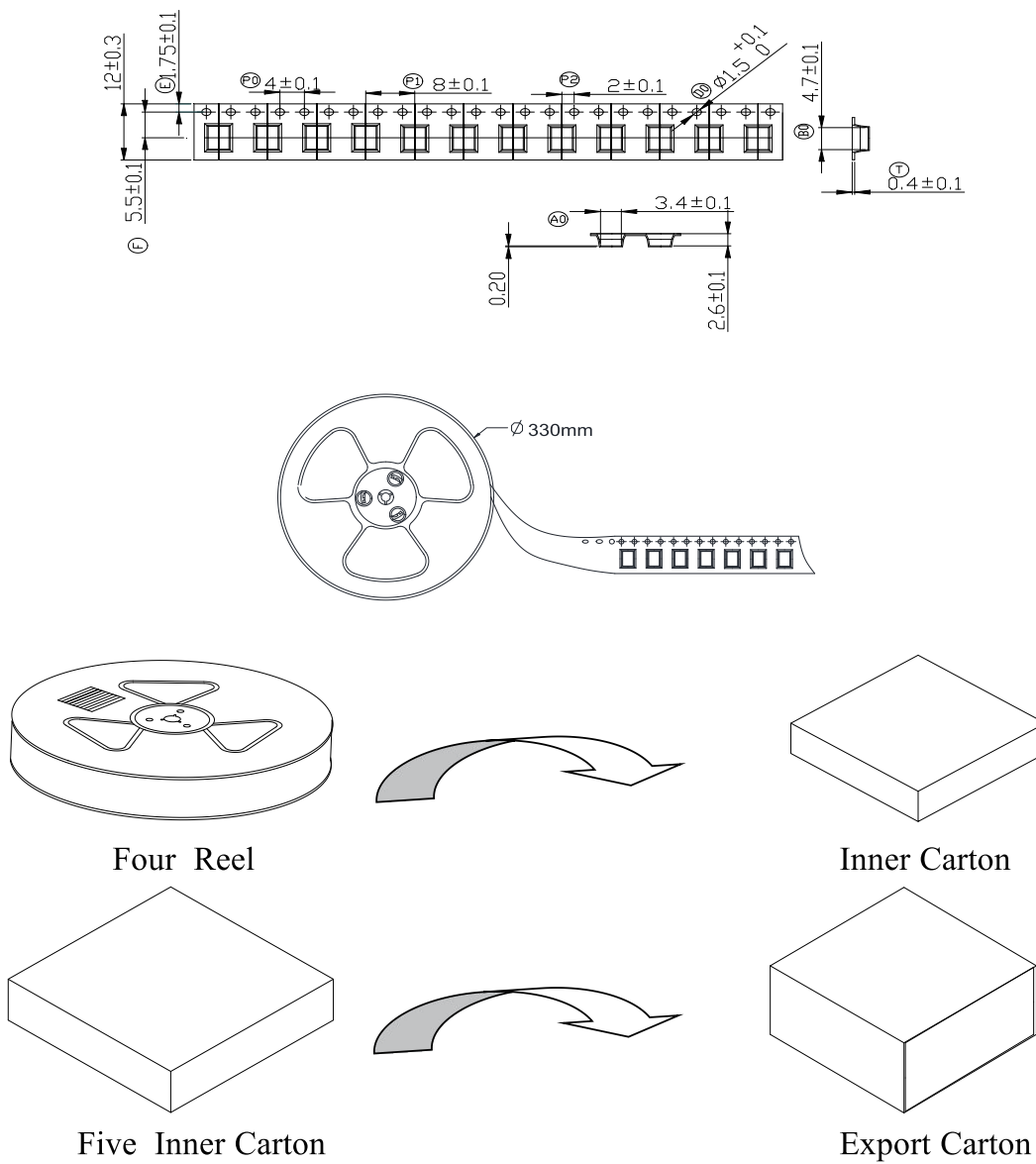


6 Impedance VS. Frequency



DESCRIPTION	PART NO.	REV:R0
Common Mode Line Filter	WHLC-4532A-142T0	PAGE:3/4

7 Packaging specification



Package Quantity:
 One Reel=2000 Pcs
 One Inner Carton=2000*4=8000 Pcs
 One Export Carton=8000*5=40000 Pcs

DESCRIPTION	PART NO.	REV:R0
Common Mode Line Filter	WHLC-4532A-142T0	PAGE:4/4