

# Specification for Approval

**Customer:** \_\_\_\_\_

**Customer P/N:** \_\_\_\_\_

**EEC P/N:** LC-3216A-600M0

**Spec No.:** \_\_\_\_\_

**Version No.:** V0.1

**Description:** Common Mode Choke

Auto-Transformer

Customer Approval		EEC Approval	
Inspected By:		Issued By:	Fuming Chen
Checked By:		Checked By:	Mingrui, Song
Approved By:		Approved By:	Focus Wang
Approved Date:		Issued Date:	2022/11/12

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

## Remark:

1. Before use, please confirm whether this product is suitable for your design, Scientific only ensure products meet this specification.
2. This specification data change must be confirmed by both parties, any individual modification is invalid.
3. If customer placed orders without signing back this specification, it is regarded as recognition.



绵阳敦源电子科技有限公司

Mianyang Dunyuan Electronics Technology Co.,Ltd

地址：四川省绵阳市高新区综合保税区

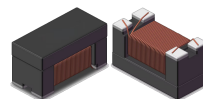
ADD: Comprehensive Bonded Zone, High-Tech Industrial Development Zone Mianyang, SiChuan

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## 1 Features And Benefits

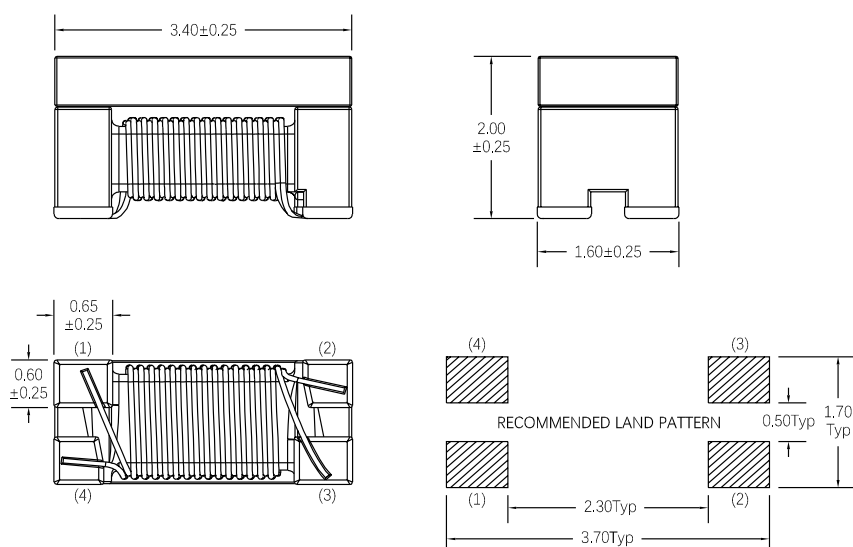
- High common mode impedance at high frequency effects excellent noise suppression performance
- 20uH~60uH are optional for different noise level and signal frequency
- Suppression of Common Mode Noise Without Attenuating The Signal
- High-Quality Product That Uses Auto Winding
- Operating temperature -40°C to +85°C
- Available in 3216(1206) Size
- RoHS Compliant



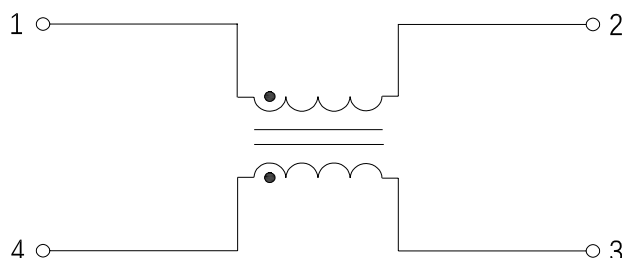
## 2 Electrical Specifications @ 25°C

Part Number	Inductance 100KHz/0.1V (μH)Min	DC Resistance (Ω MAX)	Rated Voltage (Vdc)	Rated Current (mA MAX)	Withstanding Voltage (Vdc)	Insulation Resistance (MΩ MIN)
LC-3216A-600M0	60	1.70	50	200	125	10

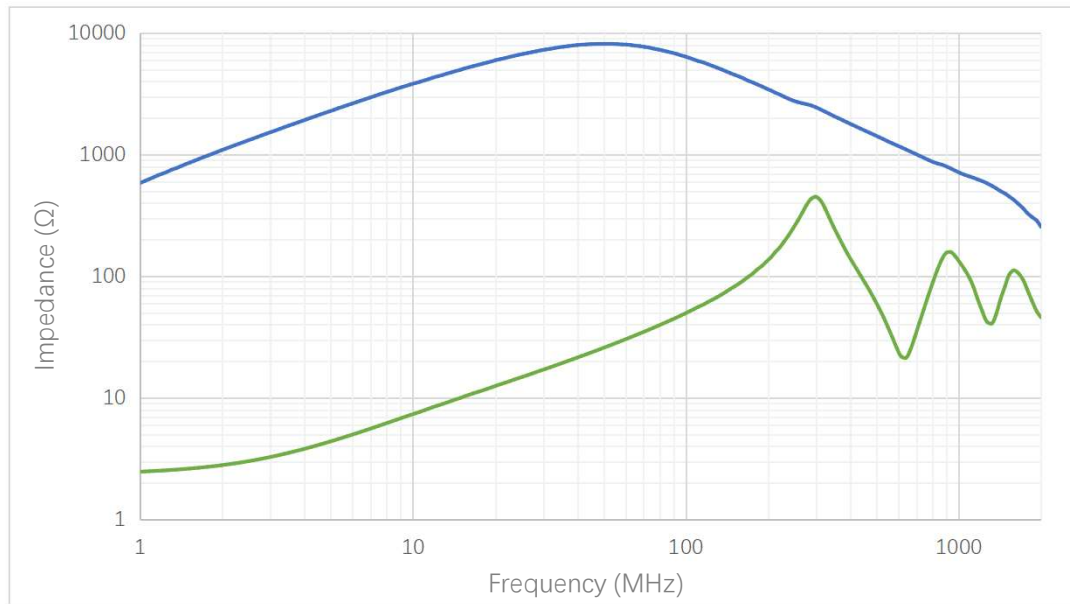
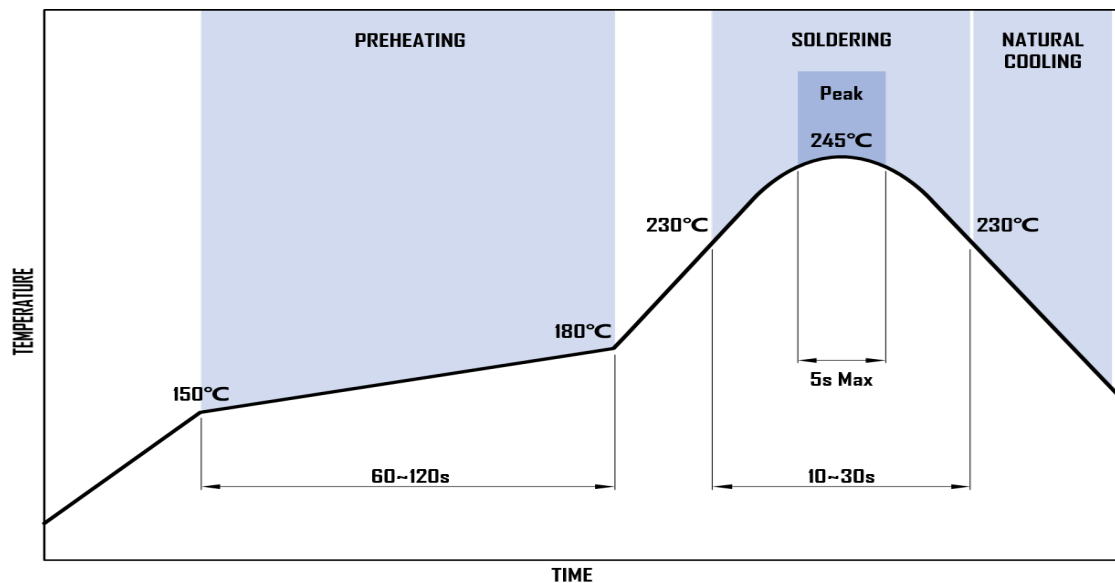
## 3 Dimensions (mm)& recommend layout



## 4 Schematics

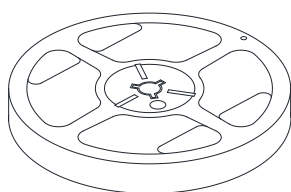
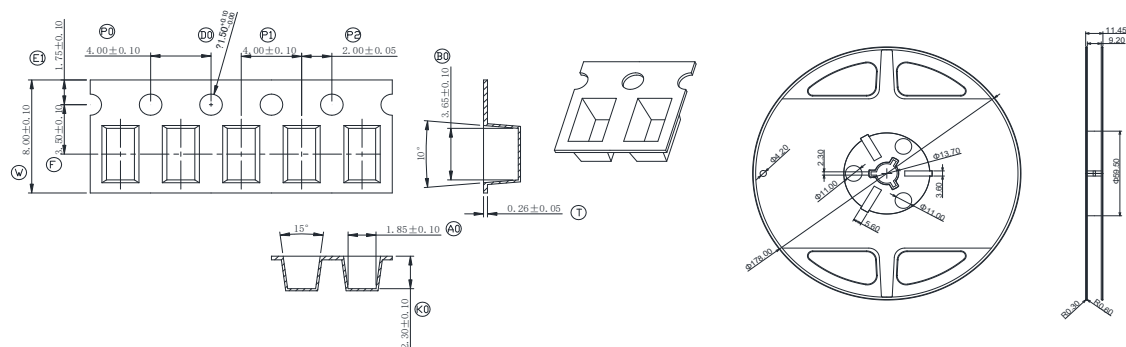


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**5 Impedance VS. Frequency****6 Recommended Reflow Profile**

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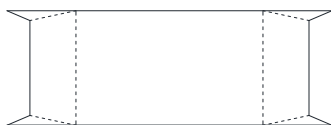
## 7 Packaging specification



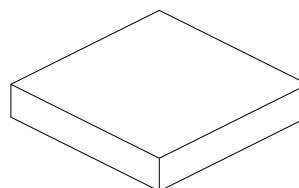
Five Reel



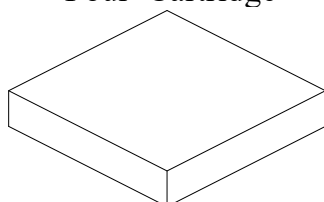
One Cartridge



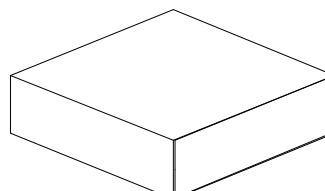
Four Cartridge



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

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