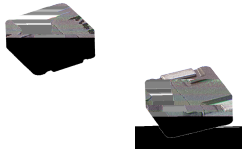


MDA Series

SMD Low Profile High Current Molded Inductor Size 4020



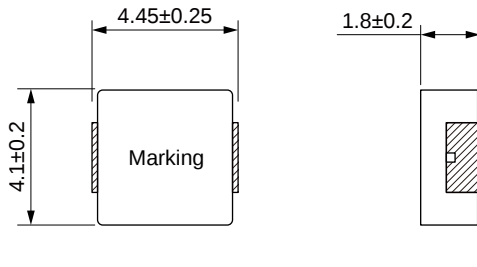
FEATURES

- {1ΨP\$S\$S 0ΰΩσ0ΰΩΓΰΩ
- Capable of corresponding high frequency .
- Low loss realized with low DCR.
- High performance (Isat) realized by metal dust core.
- SΨ00† PΰX 0ΰaa ΩΰΩσ\$ Sΰ\$ ΰΰ 0ΰΨμ0ΰΩΰ\$ 0ΰΩσ0ΰΩΓΰΩ
- 100% Lead(Pb)-Free and RoHS compliant.
- !9/ v ξΰ†Pΰΰ\$S\$
- hμ\$0†ΓΩ° ΰ\$Ψμ\$0†ΰΩσ ΰΰ / Ω0ΰΰ\$Ω° σ\$Pΰ ΰ\$Ψμ\$0†ΰΩσ 0Ωσ\$
- vΰ†ΩΓΰbl t / {

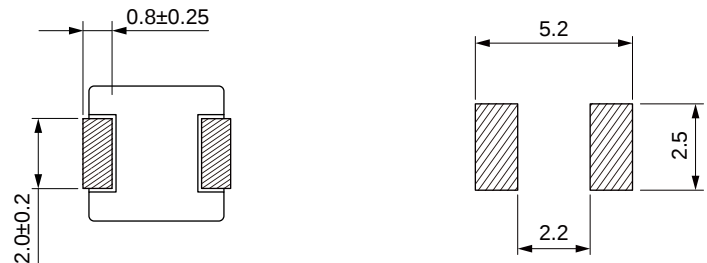
APPLICATION

- IŞİŞPΨμσ úΠP PΨμσ †ΩŚ ΩΩúSoΩúΩ PΩ°1ΓΩ°
- HVAC
- 5úú0σ ΧΩŚúX PΩ~ †ΩŚ σŞúú ŐúΩúúŦP
- Audio subsystem
- Digital instrument cluster
- Ω 3Ş1ŦŦŞ ΛΩúúú†ΩΩΨΩú †ΩŚ Ω†ΦΩ° †ΓúΩ

Dimensions: [mm]



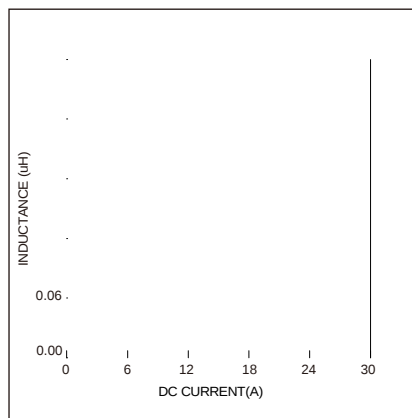
Land Pattern: [mm]



Electrical Properties:

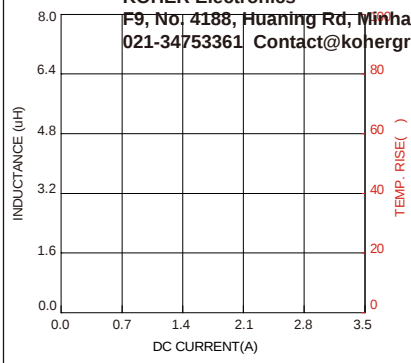
	±20%	26.0
	±20%	
	±20%	9.0
	±20%	7.6
	±20%	
	±20%	
	±20%	
	±20%	
	±20%	2.8

Typical Electrical Characteristics:

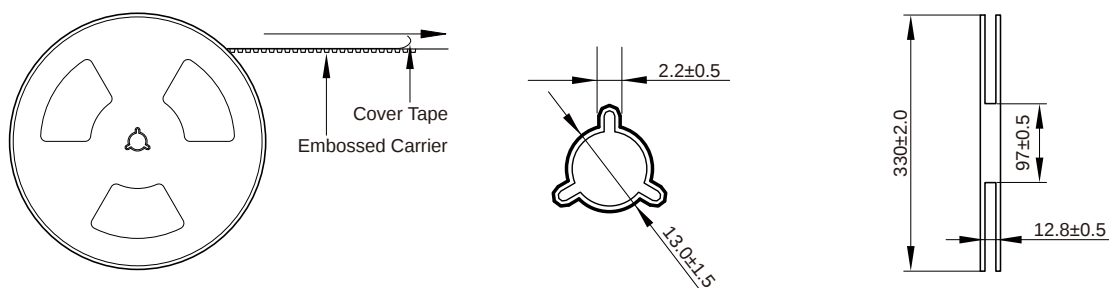


MDA1001-5BPM

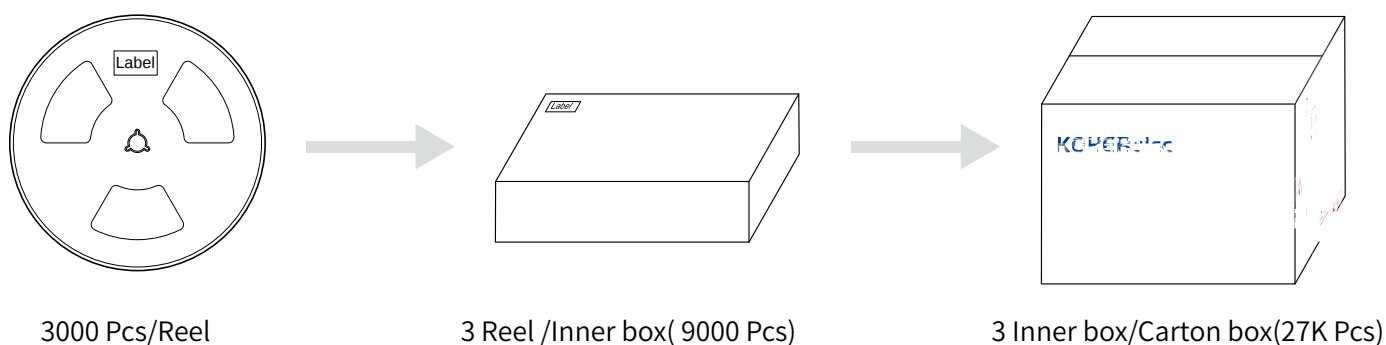
KOHER Electronics
F9, No. 4188, Huaning Rd, Minhang District, Shanghai
021-34753361 Contact@kohergroup.com



Reel Dimension : [mm]



Packaging Quantity:



Cautions and Warnings:

Storage Conditions :

- The storage period is within 12 months after the completion of production. Be sure to follow the storage conditions (temperature: -5 to 35°C, humidity: 75% RH Max). If the storage period elapses, the soldering of the terminal electrodes may deteriorate. The warranty period is one year.
- Product should not be exposed to environment with high temperature, high humidity, dust, corrosive gas and etc.
- Products should be handled with care to avoid damage or contamination from perspiration and skin oils.
- Please always handle products carefully to prevent any damage caused by dropping down or inappropriate removing.

Operation Instructions:

- Self heating (temperature increase) occurs when the power is turned ON, so the tolerance should be sufficient for the set thermal design.
- Before soldering, be sure to preheat components. The preheating temperature should be set so that the temperature difference between the solder temperature and chip temperature does not exceed 150°C.
- Soldering corrections after mounting should be within the range of the conditions determined in the specifications. If overheated, a short circuit, performance deterioration, or lifespan shortening may occur.
- Generally, Koher might not be familiar with either customer's specific application or actual requests as customer does. As a result customer shall be responsible for checking and confirming whether Koher product with the performance described in the product specification is suitable for using in customer's particular application or not.