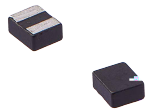
Size 25201B



FEATURES

- High current, low DCR,high e ciency.
- Very low acous c noise and very low leakage flux noise
- AEC-Q200 qualified
- 100% Lead(Pb)-Free and RoHS compliant.
- Opera ng temperature: -55 to +155 ℃ (including self-temperature rise)
- Mee Ṙ
-

	Inductance @ 100KHz/1V	Tolerance	Temperature Rise Current Typ.	Temperatu Rise Curre Max.
	0.10 Ƀ ń Ò B	’ 6	12.0	Ʉ Å 8.00
MDTA25201B-R22M	0.22		8.20	7.60
MDTA25201B-R33M	0.33		7.00	6.40
MDTA25201B-R47M	0.47		6.70	6.00
MDTA25201B-R68M	0.68		6.10	5.50
MDTA25201B-1R0M	1.00		5.70	5.20
MDTA25201B-1R5M	1.50		4.60	4.20
MDTA25201B-2R2M	2.20		3.70	3.30
MDTA25201B-3R3M	3.30		2.80	2.50
MDTA25201B-4R7M	4.70		2.30	2.00

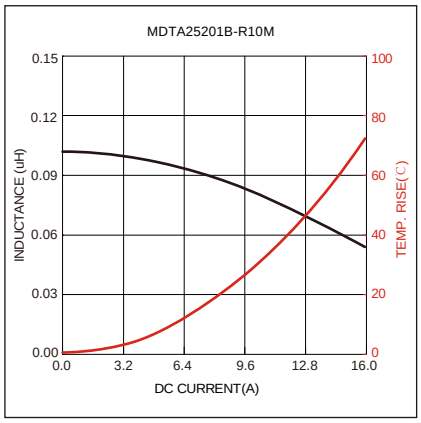
Dimensions: [mm]

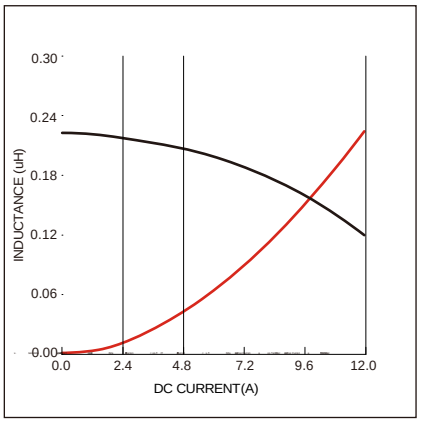
Land Pattern: [mm]

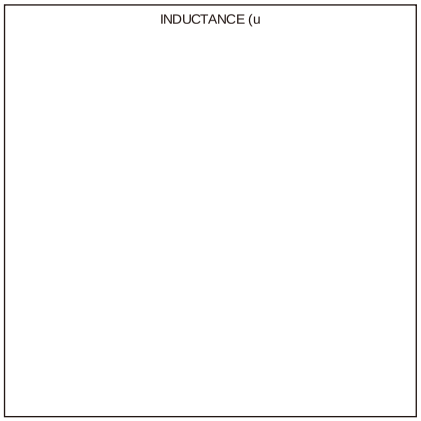
Electrical Properties:

Saturation Current will cause L to drop approximately 30%
Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

Typical Electrical Characteristics:



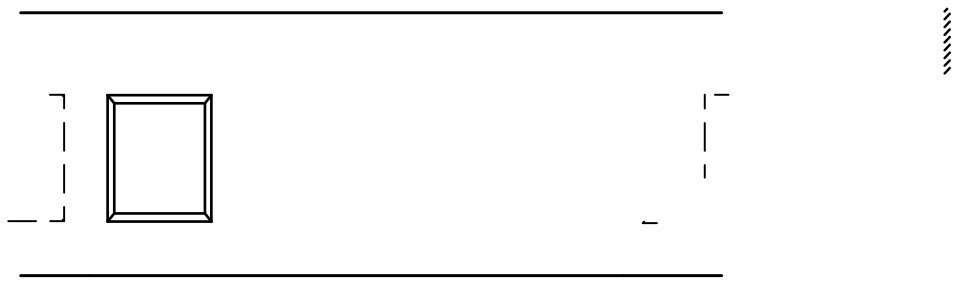



INDUCTANCE (u

Soldering Reflow:

Packaging Information:

Tape Dimension:



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.
- 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.