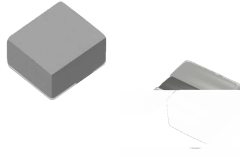


Size 25201B

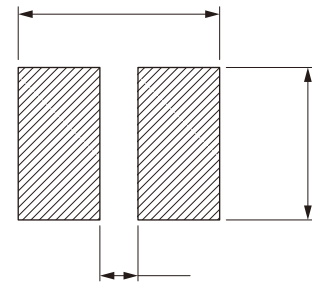
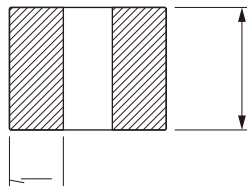
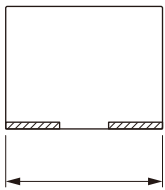


- , high efficiency.
- Very low acoustic noise and very low leakage flux noise.
- AEC-Q200 qualified
- 100% Lead(Pb)-Free and RoHS compliant.
- Operating temperature: -55 to +155 °C (including self-temperature rise)
- Quantity: 3000PCS

- ADAS
- Headlamps, tail lamps and interior lighting
- Doors, window lift and seat control
- Audio subsystem
- Digital instrument cluster
- In-Vehicle Infotainment and navigation

Dimensions: [mm]

Land Pattern: [mm]



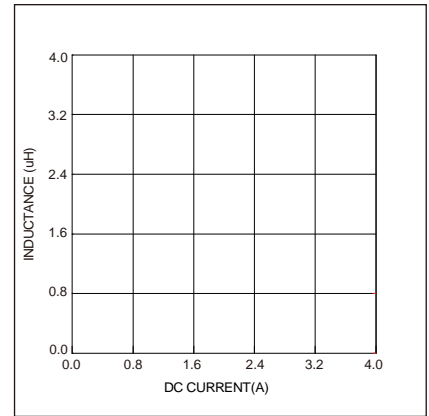
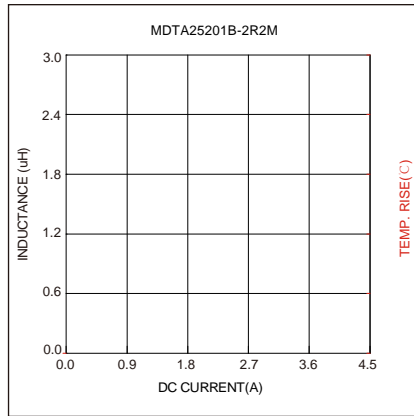
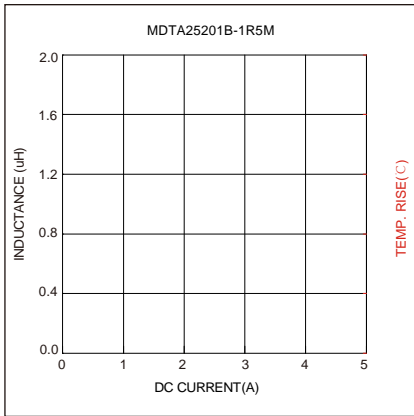
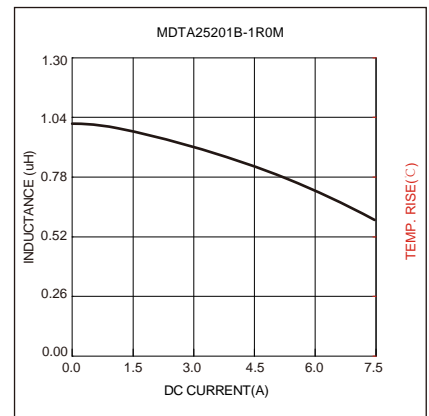
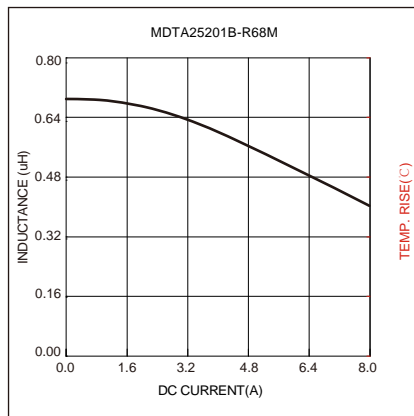
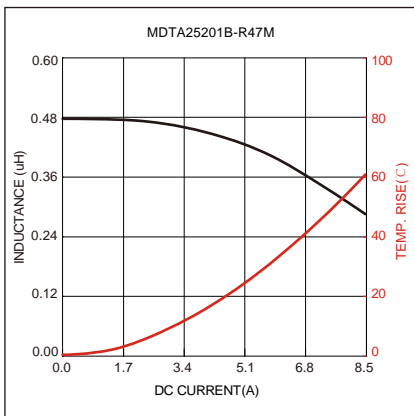
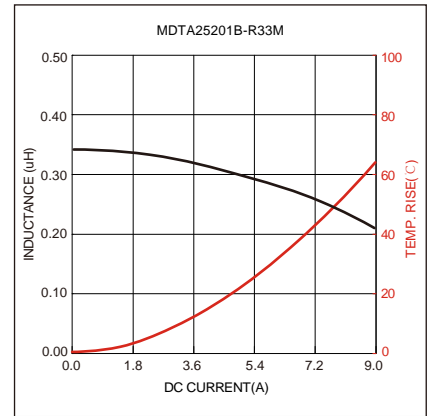
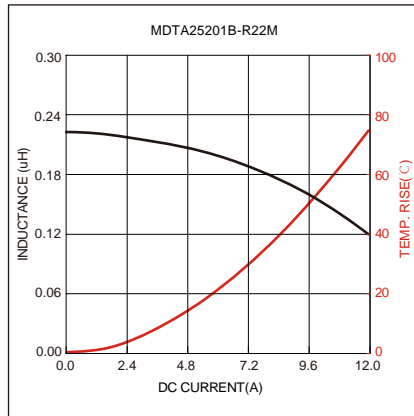
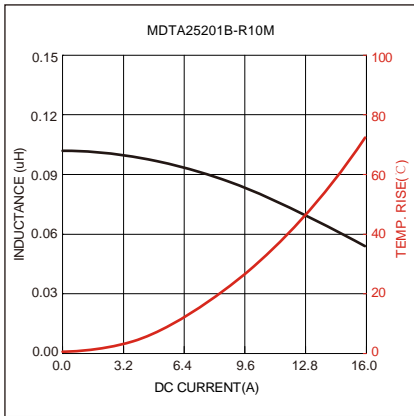
Electrical Properties:

Part No	Inductance @ 100KHz/1V	Tolerance	Temperature Rise Current Typ.	Temperature Rise Current Max.	Current Typ.	Current Max.	DC Resistance Typ.	DC Resistance Max.
MDTA25201B-R10M	0.10		12.0	8.0	12.0	10.0	4.0	7.0
MDTA25201B-R22M	0.22		8.2	7.6	9.6	9.0	9.0	10.8
MDTA25201B-R33M	0.33		7.0	6.4	8.0	7.5	10.0	12.0
MDTA25201B-R47M	0.47		6.7	6.0	7.4	6.8	16.0	20.0
MDTA25201B-R68M	0.68		6.1	5.5	6.5	6.0	19.0	23.0
MDTA25201B-1R0M	1.00		5.7	5.2	5.8	5.3	31.0	37.0
MDTA25201B-1R5M	1.50		4.6	4.2	4.7	4.4	27.0	32.0
MDTA25201B-2R2M	2.20		3.7	3.3	4.0	3.3	52.0	60.0
MDTA25201B-3R3M	3.30		2.8	2.5	3.0	2.7	80.0	97.0
MDTA25201B-4R7M	4.70		2.3	2.0	2.8	2.2	170.0	204.0
MDTA25201B-100M	10.0		1.2	1.05	1.6	1.45	330.0	400.0

Saturation Current will cause L to drop approximately 30%

Temperature Rise Current: The actual value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$

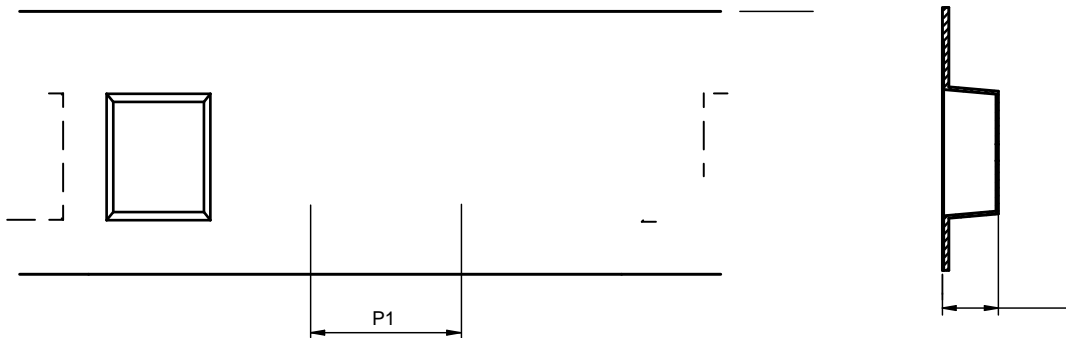
Typical Electrical Characteristics:



Soldering Reflow:

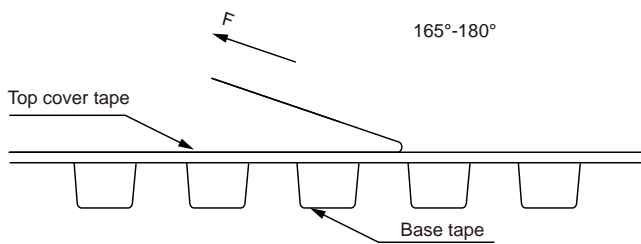
Packaging Information:

Tape Dimension:



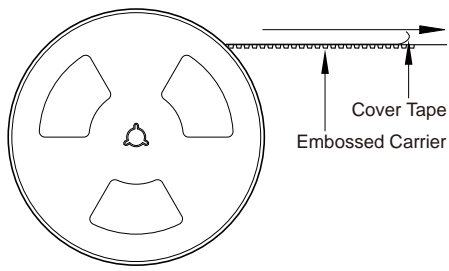
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
MDTA25201B	2.4±0.1	2.9±0.1	1.5±0.1	4.0±0.1	4.0±0.1	8.0±0.1	1.4±0.1	1.75±0.1	0.25±0.05

Peel force of top cover tape:

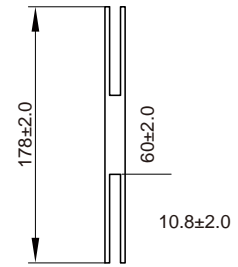


The peel force of top cover tape shall be between 0.1 to 0.98 N

Reel Dimension: [mm]



2.2±0.5



Packaging Quantity:

3000 Pcs/Reel