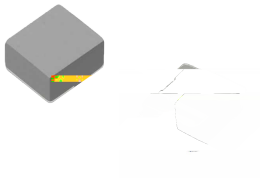
MDTE Series

Wire Wound Molded SMD Power Inductors

Size 20121A



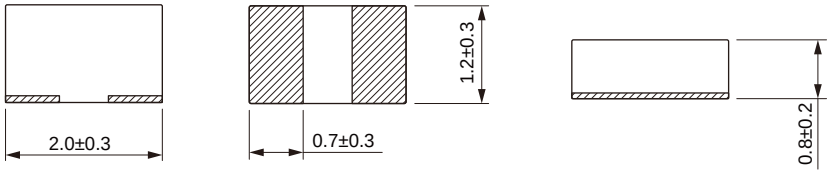
FEATURES

- So satura on
- High current,low DCR,high e ciency
- Very low acous c noise and very low leakage flux noise
- High reliability
- 100% Lead(Pb)-Free and RoHS compliant
- Opera ng temperature -40~+125℃(Including self - temperature rise)
- Quan ty: 3000pcs

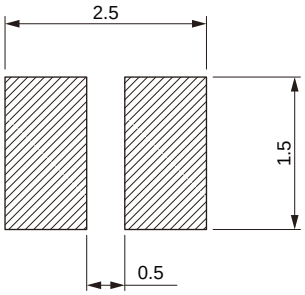
APPLICATION

- Note PC power system,incl. IMVP-6
- DC/DC converter

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

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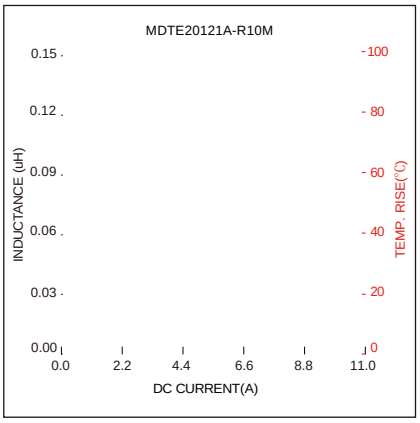
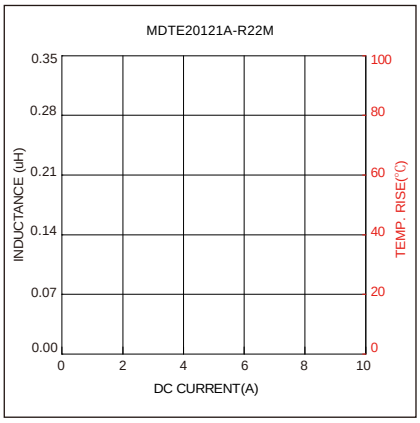
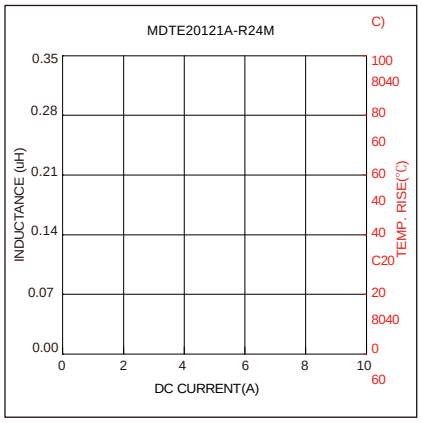
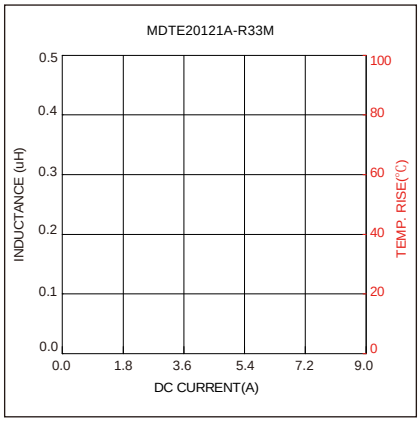
714-325-4789 Contact@kohergroup.com

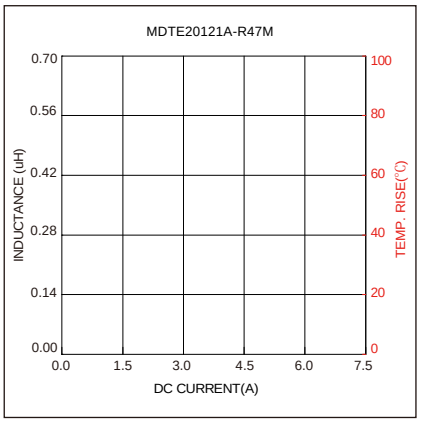
Typical Electrical Characteristics:

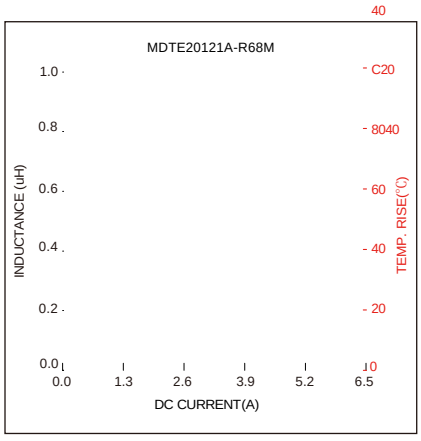


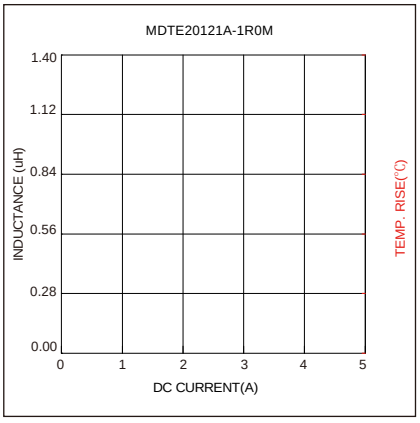


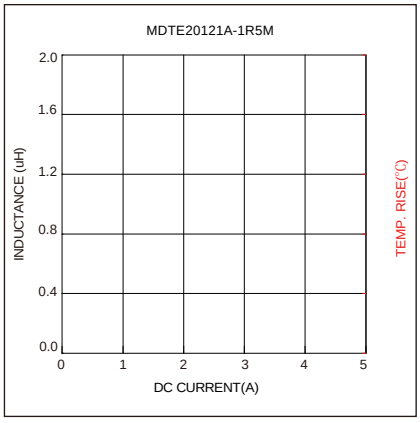


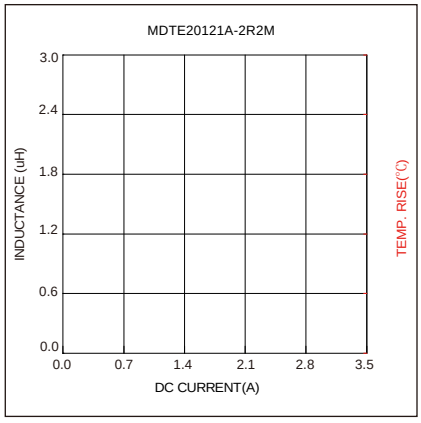












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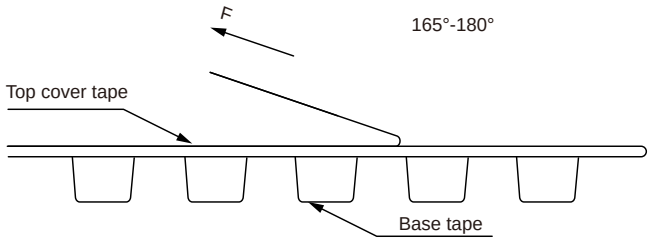
Soldering Reflow:

Packaging Information:

Tape Dimension：

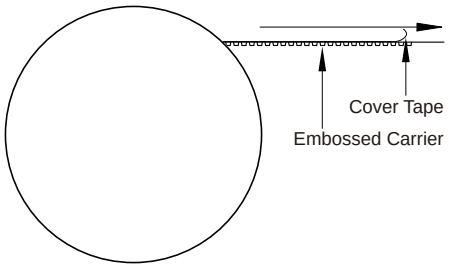
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
MDTE20121A	1.5 ± 0.1	2.3 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	4.0 ± 0.1	8.0 ± 0.1	1.2 ± 0.1	1.75 ± 0.1	0.25 ± 0.05

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]



Packaging Quantity: