MDTA Series

Flat Wire Molded Inductor

Size 4020



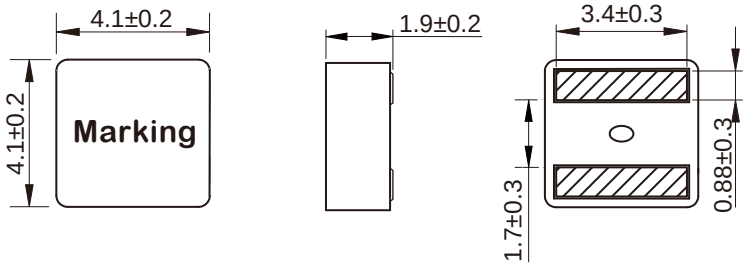
FEATURES

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- Composoite core material allows high saturation currents
- Very low acoustic noise and very low leakage flux noise
- n apability and handles high t ansien n k
- C-Q200 qualified
- Operating temperature -55 to +155 ℃ (Including self - temperature rise)
- Quantity: 3000pcs

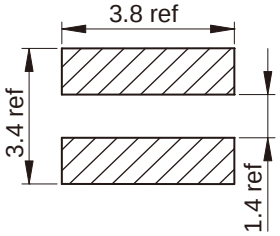
APPLICATION

- DC/DC converters for entertainment/navigation systems
  ession s: windshield
  power mirrors / heating and ventilation blowers / HID lighting
- LED driv

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

	(μH)		(A)	(A)		(mΩ)

Saturation Current will cause L to drop approximately 30%

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Soldering Reflow:

Preheat condition: 150 ~200℃/ 60~120 sec.

Allowed time above 217℃: 60~90 sec.

Max temperature: 260℃.

Max time at max temperature: 10 sec.

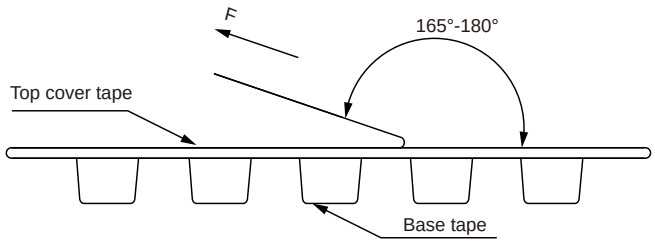
Allowed Reflow time: 2x max.

Packaging Information:

Tape Dimension:

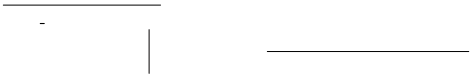
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
MDTA4020	4.5 ± 0.1	4.5 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	8.0 ± 0.1	12.0 ± 0.3	2.3 ± 0.1	1.75 ± 0.1	0.35 ± 0.05

Peel force of top cover tape:



The peel force of top cover tape shall be between 0.1 to 1.3 N

Reel Dimension：[mm]



Packaging Quantity: