

MDTA Series

Flat Wire Molded Inductor

Size 1513



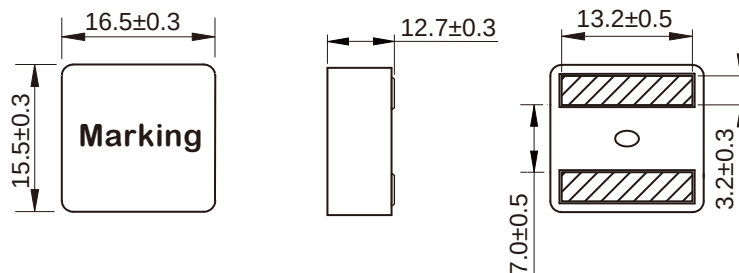
FEATURES

- Flat wire coil for low copper losses
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- High current capacity
- AE
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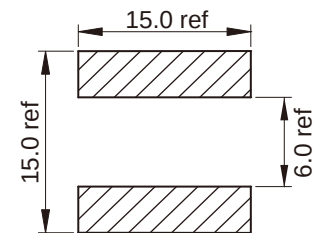
APPLICATION

- Noise suppressor for motor wipers / power seats /
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Dimensions: [mm]



Land Pattern: [mm]

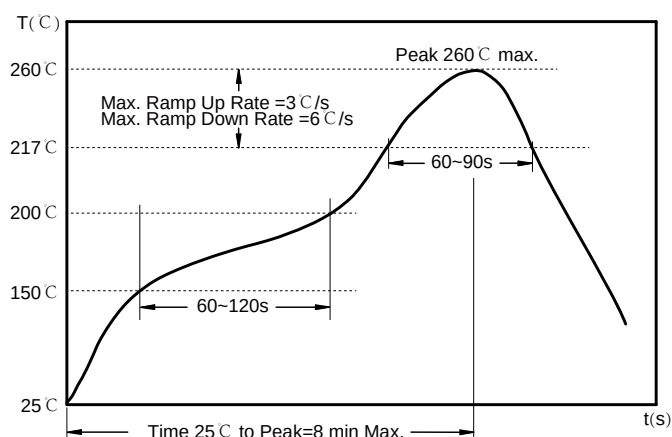


Electrical Properties:

Part No	L@100KHz / 0.1V	Tolerance	I _{ST} Typ.	I _R		R Max.
				20° rise	40° rise	
		±20%				
		±20%				
		±20%				
		±20%				
		±20%				
	22	±20%				
		±20%				

Saturation Current will cause L to drop approximately 30%
Temperature Rise Current that causes the specified temperature rise from 25°C ambient.

Soldering Reflow:



Preheat condition: 150 ~200 °C / 60~120 sec.

Allowed time above 217 °C : 60~90 sec.

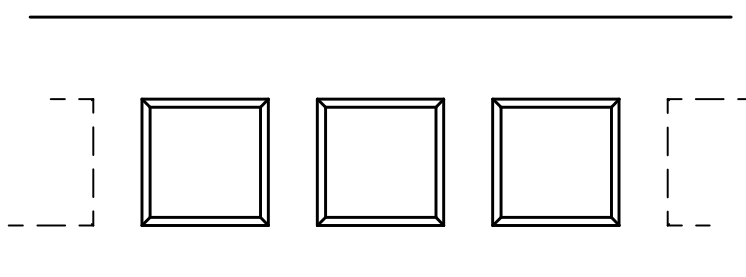
Max temperature: 260 °C .

Max time at max temperature: 10 sec.

Allowed Reflow time: 2x max.

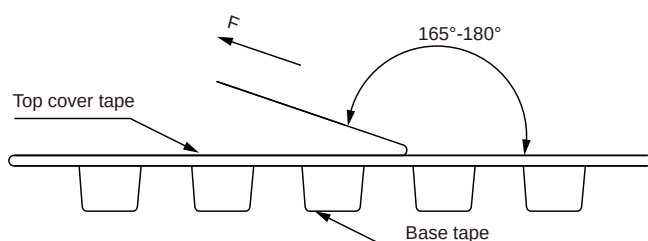
Packaging Information:

Tape Dimension :



Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
MDTA1513	17.0 ± 0.1	16.0 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	24.0 ± 0.1	32.0 ± 0.3	13.6 ± 0.1	1.75 ± 0.1	0.50 ± 0.05

Peel force of top cover tape:

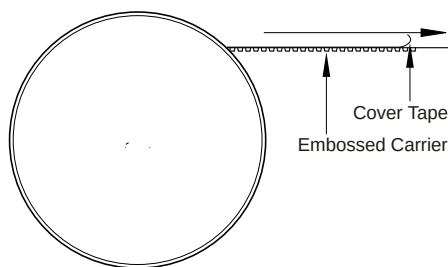


The peel force of top cover tape shall be between 0.1 to 1.3 N

Product Marking:

Marking	Printing Inductance)
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Reel Dimension: [mm]



Embossed Carrier-tions (tem71eature: -5 to 35°C, humidity: 75% RH Max).If t01 0 0 1 h71e0.81elapses, t01 old1e0ng of t01termi

Packaging Quantity: