

# MDTA Series

## Flat Wire Molded Inductor

### Size 6060



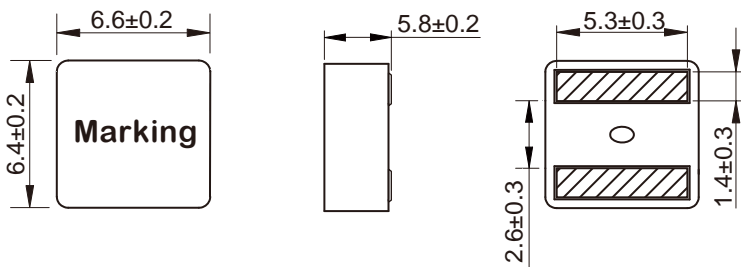
#### FEATURES

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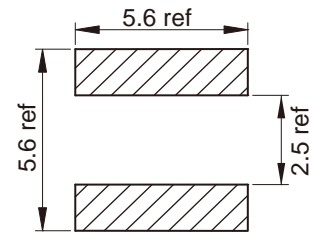
#### APPLICATION

- Noise suppression for motor windings / power seats /
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#### Dimensions: [mm]



#### Land Pattern: [mm]

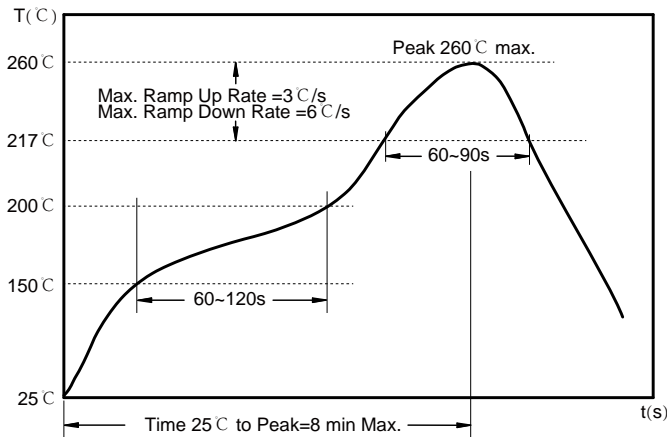


#### Electrical Properties:

Part No	L@100KHz /0.1V ( $\mu$ H)	Tolerance	I <sub>SAT</sub> Typ. (A)	I <sub>R</sub> (A)		R <sub>DC</sub> Max. (m $\Omega$ )
				20°C rise	40°C rise	
		±20%				
		±20%				
		±20%				
		±20%				
		±20%				
		±20%				
		±20%				
		±20%				
		±20%				
		±20%				
MDTA6060-220M	22	±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.

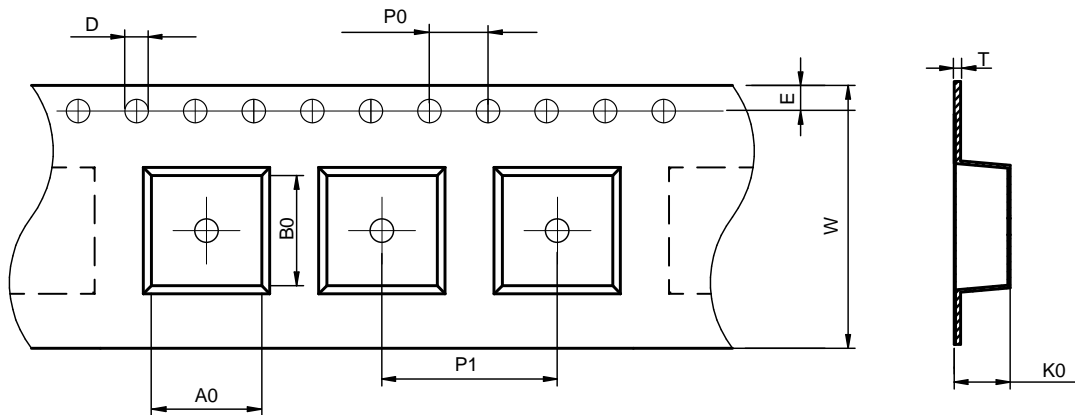
Max temperature: 260 °C .

Max time at max temperature: 10 sec.

Allowed Reflow time: 2x max.

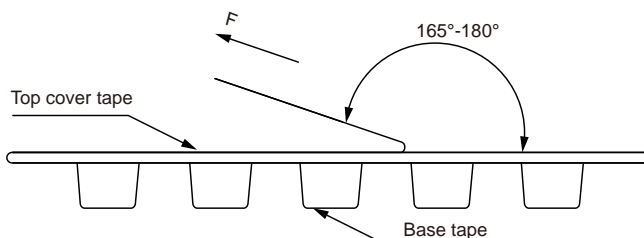
## Packaging Information:

### Tape Dimension :



Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
MDTA6060	7.0± 0.1	6.8± 0.1	1.5± 0.1	4.0± 0.1	12.0± 0.1	16.0± 0.3	6.3± 0.1	1.75± 0.1	0.50± 0.05

### Peel force of top cover tape:



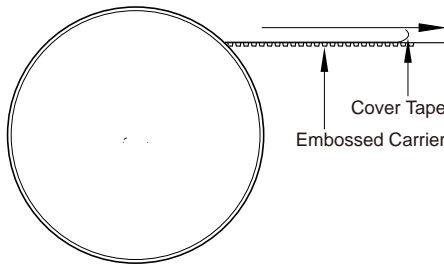
The peel force of top cover tape shall be between 0.1 to 1.3 N

### Product Marking:

Marking	Printing Inductance)
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Reel Dimension: [mm]



Embossed Carrier C53rl 12093.7 l21c6223.79-9q 1c6223.79-95.19-9M T2.29-209 87.1729 0 01 9-25729 0 209 -l3.2729 0 07 0 2

Packaging Quantity: