



# MDTA Series

## Flat Wire Molded Inductor

### Size 1030



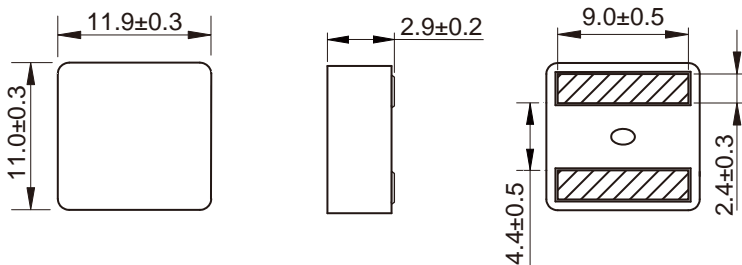
#### FEATURES

- Composite core material allows high saturation currents
- Very low acoustic noise and very low leakage flux noise
- High inductance capability and handles high transient currents
- C-Q200 qualified
- Operating temperature -55 to +155 °C (including self-temperature rise)
- Quantity: 1000pcs

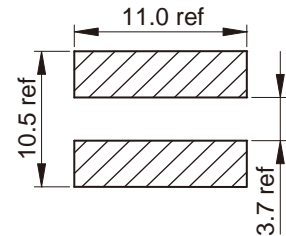
#### APPLICATION

- DC/DC converters for entertainment/navigation systems
- Power windows
- Power mirrors / heating and ventilation blowers / HID lighting
- LED driv

#### 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	

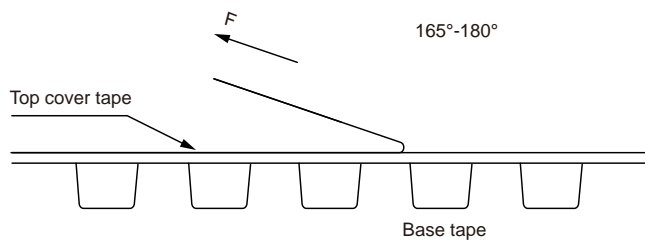
Saturation Current will cause L to drop approximately 30%  
 Temperature Rise Current that causes the specified temperature rise from 25°C ambient.

Soldering Reflow:

Packaging Information:

Tape Dimension:

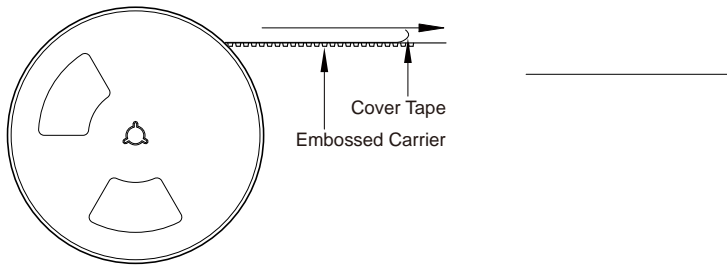
Peel force of top cover tape:



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



Reel Dimension: [mm]



Packaging Quantity: