

MDTA Series

Flat Wire Molded Inductor

Size 1030



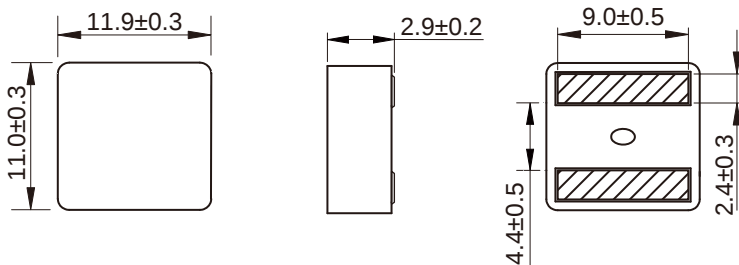
FEATURES

- 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
- AEC-Q200 qualified
- Operating temperature -55 to +155 °C (including self-temperature rise)
- Quantity: 1000pcs

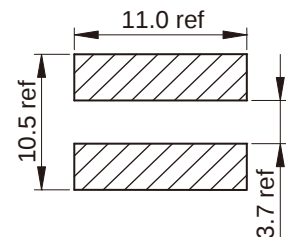
APPLICATION

- DC/DC converters for entertainment/navigation systems
- Automotive applications: windshield power mirrors / heating and ventilation blowers / HID lighting
- LED drive

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	L@100KHz /0.1V (μH)	Tolerance	I _{SAT} Typ. (A)	I _R (A)		R _{DC} Max. (mΩ)
				20°C rise	40°C rise	

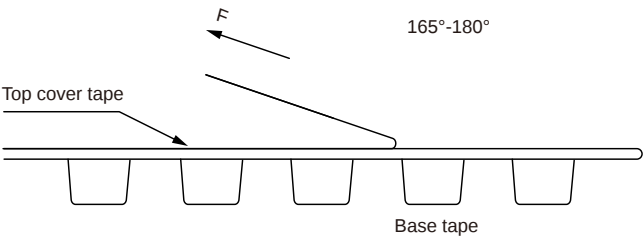
Saturation Current will cause L to drop approximately 30%
 Temperature Rise Current that causes the specified temperature rise from 25°C ambient.

Soldering Reflow:

Packaging Information:

Tape Dimension :

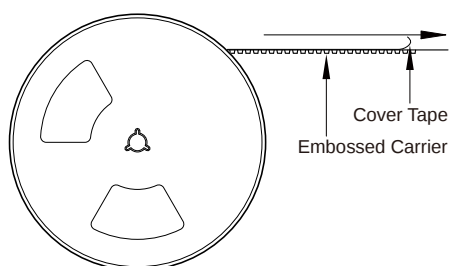
Peel force of top cover tape:



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



Reel Dimension: [mm]



Packaging Quantity: