

TLAR Series

Molding Power Inductors

Size 100760



FEATURES

- Compliant for 100% Lead(Pb)-Free and RoHS.
- Higher current carrying Capacity, lower DCR, and more efficiency.
- Operating temperature: -55 to +125 °C(Including self - temperature rise).
- Quantity: 500PCS

APPLICATION

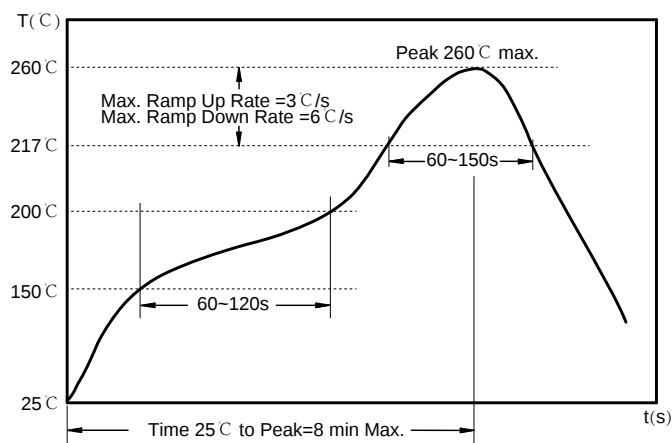
- AI Servers, Data Centers, GPU/AI Accelerators.
- Desktop Motherboards, CPU/GPU Power Delivery.
- Multi-phase VRM, High-current DC-DC Converters.
- Networking Equipment, Communication Infrastructure.

Dimensions: [mm]

Part Number	Inductance	Inductance Tolerance	DC Resistance		Saturation Current		Temperature Rise Current		Weight
			DCR	DCR	ISAT	ISAT	IRMS	IRMS	
TLAR100760-85NM-02	1	85±20%	0.14	0.16	68	58	88	75	0.05
	2	85±20%	0.14	0.16	68	58	88	75	0.05

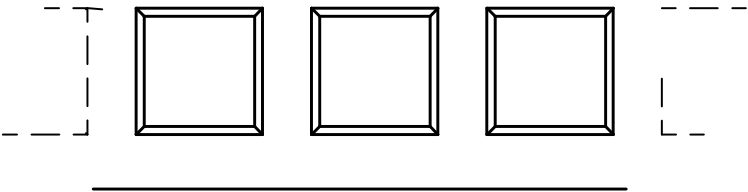
All test data is referenced to 25 °C ambient.
Saturation Current will cause L0 to drop approximately 30%.
Temperature Rise Current: The actual value of DC current when the temperature rise is ΔT=40 °C.

Soldering Reflow:



Packaging Information:

Tape Dimension:



A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
7.5±0.15	10.3±0.15	1.5±0.1	4.0±0.1	16.0±0.1	24.0±0.3	6.4±0.1	1.75±0.1	0.45±0.1

Product Marking:

Marking	Printing (Inductance)
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Reel Dimension: [mm]

Cautions and Warnings:

Storage Conditions :

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Operation Instructions: