

# DMMA Series Molded Inductor

Size 1094

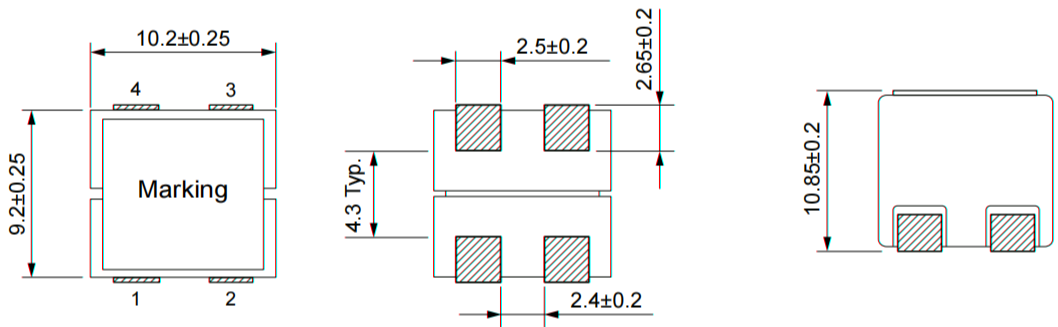
## FEATURES

- metal dust core.
- opposite construction.
- free and toxic materials.
- Operating temperature: -55 to +125 °C (including self-temperature rise)
- 100% lead-free
- AEC Q200 qualified

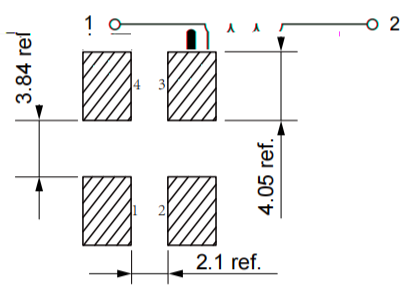
## APPLICATION

- Automotive applications

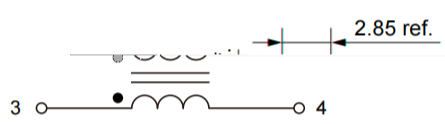
Dimensions: [mm]



Schematic:



Lead Pattern and Pattern: [mm]



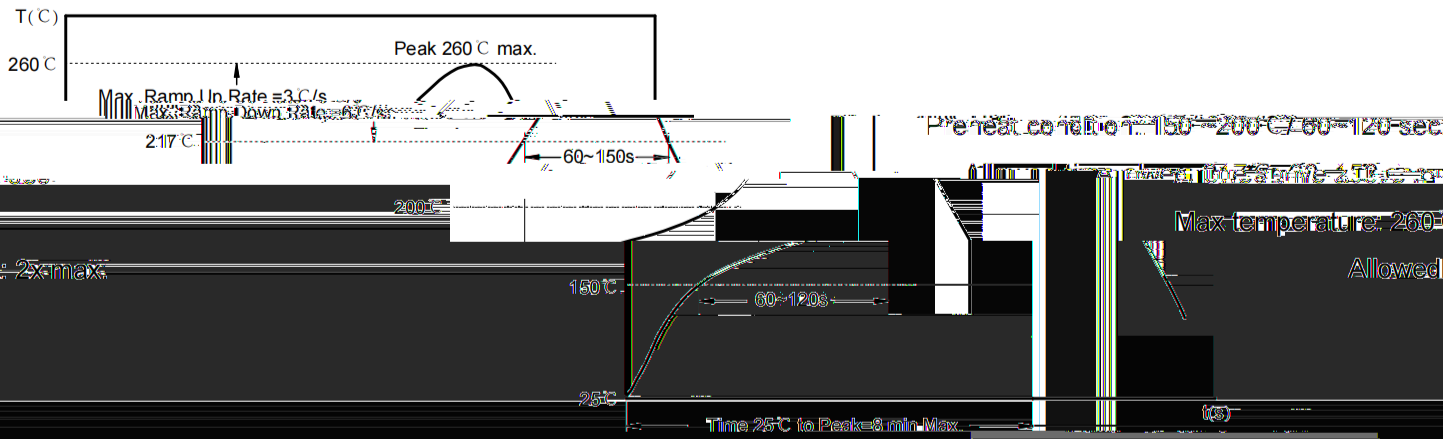
## Electrical Properties:

Temperature	Temperature	Saturation	Saturation	DC	Inductance	Inductance	Temperature
(°C)	(°C)	(A)	(A)	(V)	(mH)	(mH)	(°C)
Min.	Max.	Min.	Max.	Min.	Min.	Max.	Min.
22.0	56.0	10.0	15.0	22.0	5.8	5.2	12.0
40.8	73.0	15.0	22.0	36.0	4.5	4.0	9.0
7.3	56.0	22.0	36.0	22.4	3.6	3.2	8.5

Saturation Current will cause L to drop approximately 30%

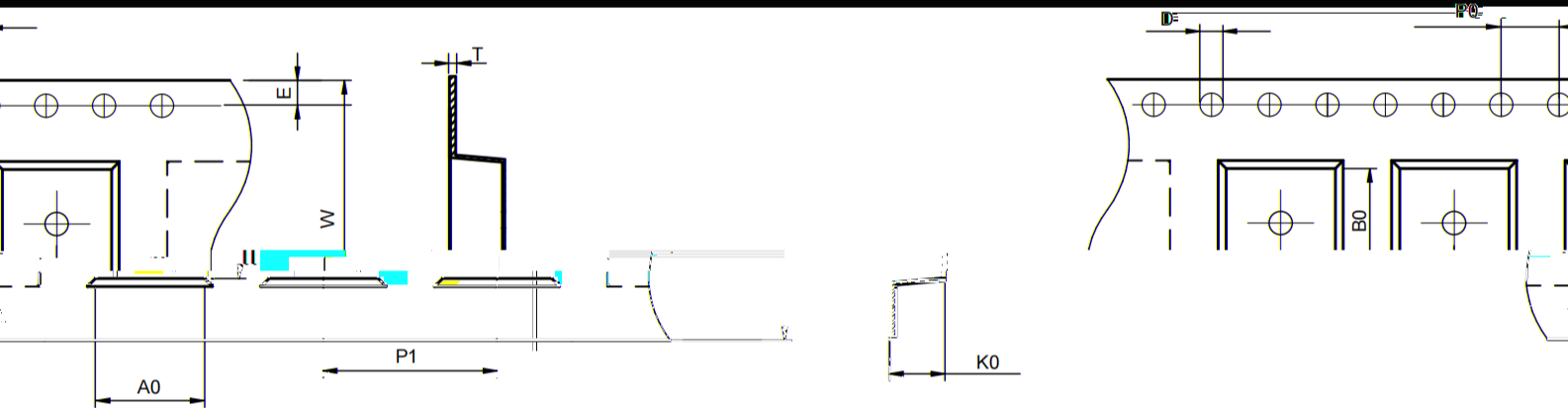
Temperature: -55 to +125 °C (including self-temperature rise)

Soldering Reflow:

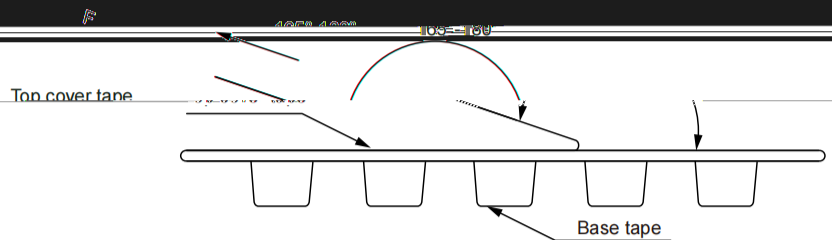


Packaging Information:

Tape Dimension:



A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)	Series
0.6	0.4	0.3	0.2	1.55	4.0	0.1	0.35	1.25	DM1004



The nominal force of top cover tape shall be between 0.1 to 1.2 N.

Product Marking:

Marking	Printing (Inductance)
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