

DMMA Series

Model: DMMA1094

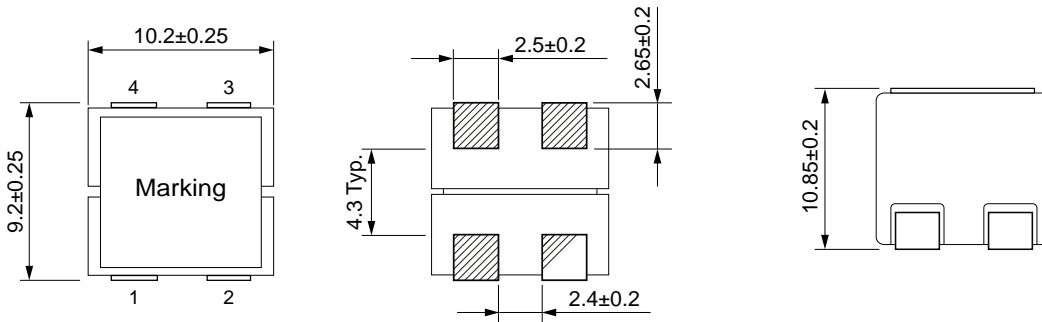
Operating temperature: -55 to +125 °C (including self-temperature rise)

Quantity: 300PCS

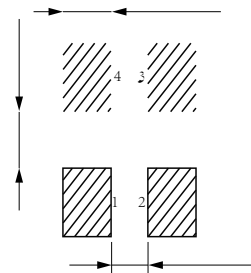
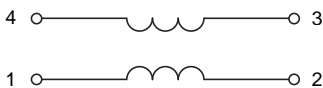


APPLICATION

- Automotive applications



Schematic:

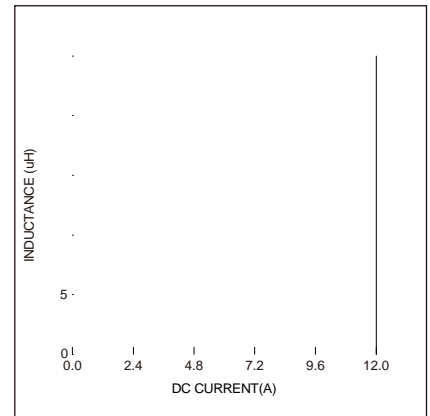


Part No	Inductance @ 100KHz/1V (μH)	Tolerance	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	Saturation Current Typ. (A)	Saturation Current Max. (A)	DC Resistance Max. (mΩ)
DMMA1094-3R3M	3.3	±20%	9.0	8.0	26.0	23.4	8.6
DMMA1094-100M	10.0	±20%	5.8	5.2	12.0	10.0	22.0
DMMA1094-150M	15.0	±20%	4.5	4.0	9.0	7.7	40.8
DMMA1094-220M	22.0	±20%	3.6	3.2	8.5	7.3	56.0

Saturation Current will cause L to drop approximately 30%

Temperature Rise Current: The actual value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$

Typical Electrical Characteristics:



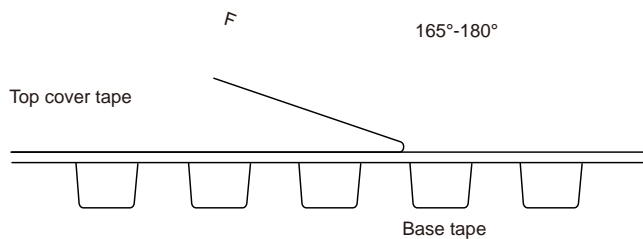
Soldering Reflow:

Packaging Information:

Tape Dimension:

Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
DMMA1094	9.6± 0.1	10.6± 0.1	1.50± 0.1	4.0± 0.1	16.0± 0.1	24.0± 0.3	11.25± 0.1	1.75± 0.1	0.5 typ

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:

300 Pcs/Reel

2 Reel /Inner box(600Pcs)

3 Inner box/Carton box(1800 Pcs)

Cautions and Warnings:

Storage Conditions :

Operation Instructions: