NRSE Series
SMD Shielded Tiny Power Inductor
Size 5040

CHARACTERISTICS

- Magne c resin for higher current and semi-magne cally shielded
- Quan ty: 1500pcs

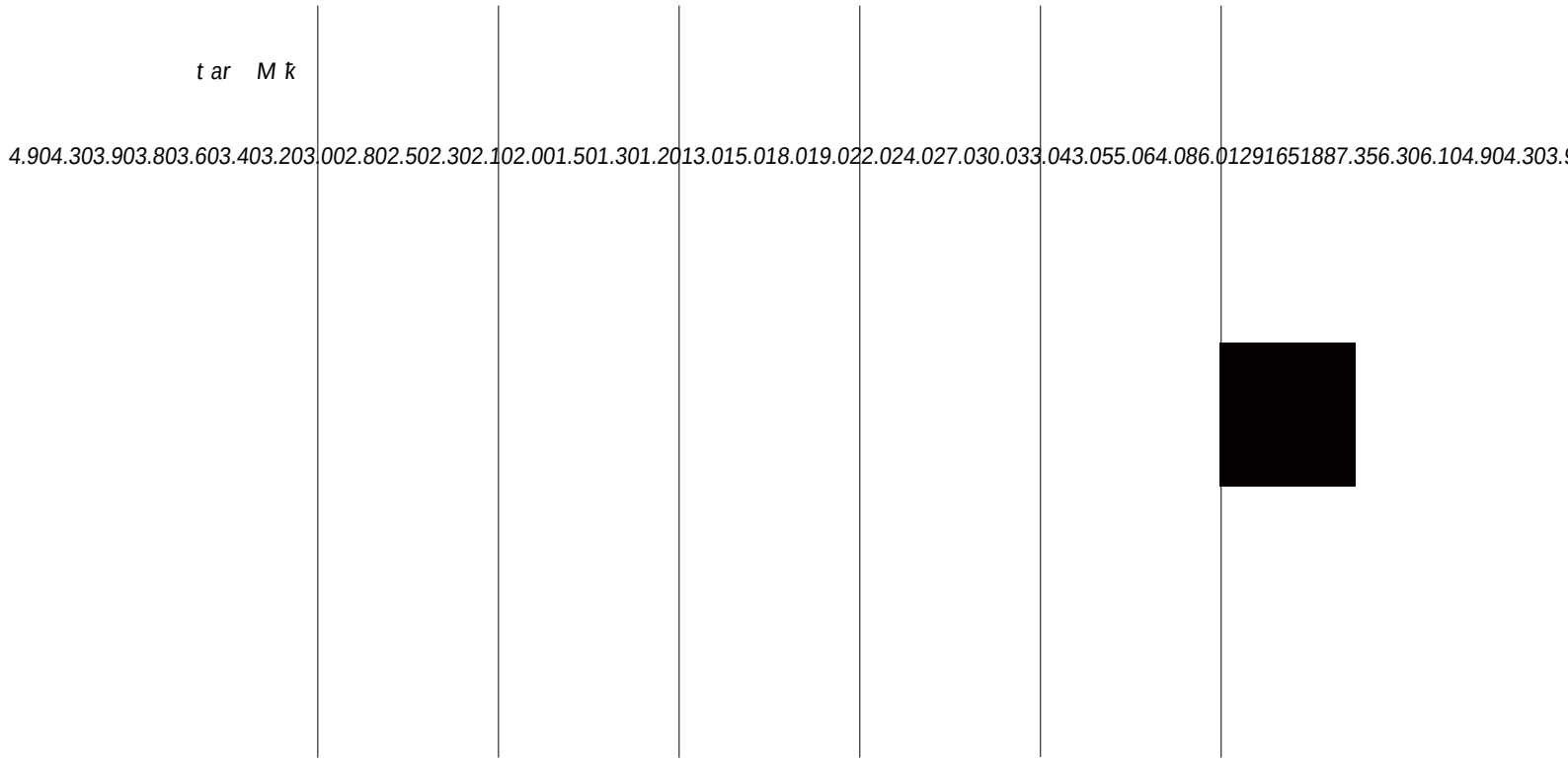
APPLICATION

- DC/DC converter
- LC filter

Dimensions: [mm]

Land Pattern: [mm]

Electrical Properties:

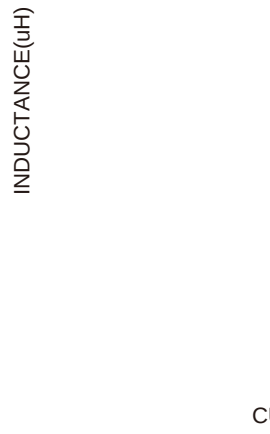
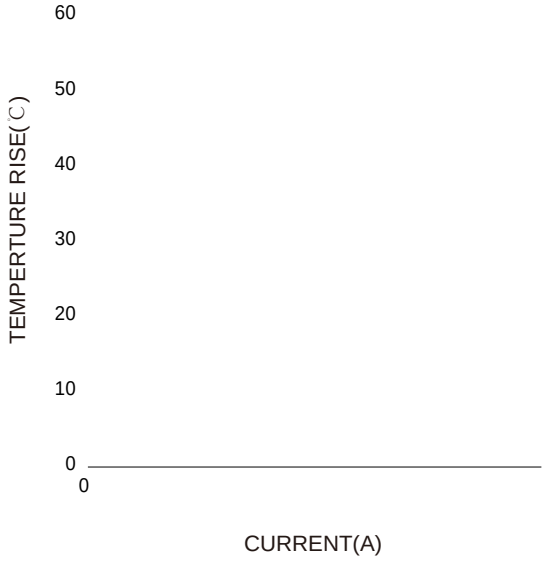


Part No		Tolerance	Satura on Current (A)	Temperature Rise Current (A)	DCR ±30% (mΩ)
NRSE5040-390M	39.0	±20%	1.20	1.10	225
NRSE5040-470M	47.0	±20%	1.10	1.00	270
NRSE5040-560M	56.0	±20%	1.00	0.90	375
NRSE5040-680M	68.0	±20%	0.90	0.80	400
NRSE5040-101M	100	±20%	0.75	0.70	560
NRSE5040-221M	220	±20%	0.45	0.40	1200
NRSE5040-471M	470	±20%	0.40	0.30	2800

Opera ng temperature : -40℃ ~ +125℃
Temperature rise current: the actual value of DC current when the temperature rise is ΔT40℃
Satura on Current that will cause ini al inductance to drop approximately 30%

Typical Electrical Characteristics:

Inductance VS. Current Characteristics:



Temperture Rise VS. Current Characteristics: