NRSE Series

SMD Shielded Tiny Power Inductor
Size 8065

CHARACTERISTICS

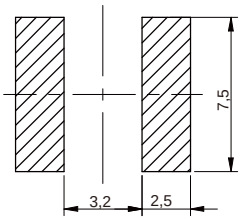
- Magne c resin for higher current and semi-magne cally shielded
- Quan ty: 700pcs

APPLICATION

- DC/DC converter
- LC filter

Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

Part No	Inductance @100KHz/0.25V (μH)	Tolerance	Satura on current (A)	Temperature Rise Current (A)	DC Resistance ±30% (Ω)
NRSE8065-4R7N			8.50	4.70	0.018
NRSE8065-6R8M			7.60	4.30	0.026
NRSE8065-100M			6.60	4.00	0.033
NRSE8065-220M			4.30	2.80	0.054
NRSE8065-3 τ	σ′ SE8065-3 τ - α		SE8065-3 τ	SE8065-220M	0.083
			2.85	1.80	0.135
			2.50	1.50	0.181
			2.30	1.40	0.215
			2.00	1.30	0.250
			1.60	1.00	0.360
			1.30	0.90	0.528
			1.00	0.55	1.300
			0.65	0.40	2.350
			0.45	0.27	5.000

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%

KOHER Electronic
4546 BATES DRIVE, YORBLINDA CA 92886 USA
714-325-4789 Contact@kohergroup.com