NRSE Series

SMD Shielded Tiny Power Inductor
Size 3010

CHARACTERISTICS

- Magne c resin for higher current and semi-magne cally shielded
- Quan ty: 2000pcs

APPLICATION

- DC/DC converter
- LC filter

Dimensions: [mm]

Land Pattern: [mm]

Electrical Properties:

Part No	(μH)	Tolerance	Satura on (A)	(A)	(mΩ)
NRSE3010-1R0N	1.0	±30%	1.40	1.45	65
NRSE3010-1R5N	1.5	±30%	1.27	1.30	80
NRSE3010-2R2M	2.2	±20%	1.15	1.09	110
NRSE3010-3R3M	3.3	±20%	0.97	0.96	145
NRSE3010-4R7M	4.7	±20%	0.75	0.77	225
NRSE3010-6R8M	6.8	±20%	0.65	0.66	305
NRSE3010-100M	10	±20%	0.60	0.58	400
NRSE3010-150M		±20%	0.42	0.47	610
NRSE3010-220M		±20%	0.35	0.38	930

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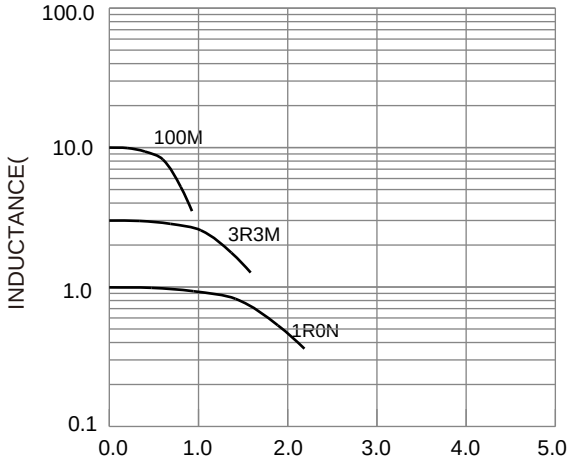
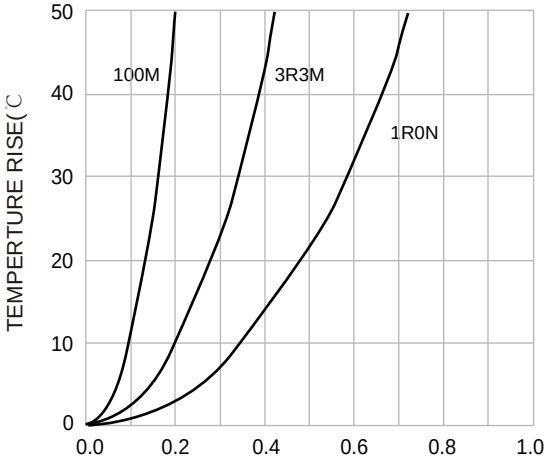
Typical Electrical Characteristics:

Inductance VS. Current Characteristics:



Temperture Rise VS. Current Characteristics: