

NRSA Series

SMD Power Inductors For Automotive

Size 3015

FEATURES

- a l·ƎyŜəǑ ăKʎŜfŘ úèLJŜ ǿƨdzyŘ ʎyŘdzǑúƨℕ Ŧƨℕ LJƨǿŜℕ ǑϧℕŎdzʎűă dzăʎyƎ l· ŦŜ℞ℕʎűŜ Y l·ƎyŜəǑ Y l·úŜℕʎl·t
- l ʎƎK Y l·ƎyŜəǑ ăKʎŜfŘ Ǒ2yăúℕdzǑəƨy l·yŘ Ǒ2YLJl·əōfŜ ǿʎűK KʎƎKπŘŜyăʎűề Yƨdzyəy∃ϕ
- [l·ℕƎŜℕ ǑdzℕℕŜyú l·yŘ fƨǿŜℕ wŘǑ ǿŜℕŜ l·ǑKʎŜØŜŘ ōè ƨLJəYʎÎʎy∃ úKŜ ŦŜ℞ℕʎűŜ Ǒ2ℕŜ ŬƎdzℕŜϕ
- hLJŜℕl·əy∃ úŜYLJŜℕl·údzℕŜY çpp úƨ ьмнрс/ólyǑfdzŘʎy∃ ăŜfŦπúŜY-LJŜℕl·údzℕŜ ℕ℞ăŜú
- ! 9/πvнлл ljdzl·fʎŬŜŘ
- vdzl·yəűề℣ нлллLJǑă

APPLICATION

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Dimensions: [mm]

Land Pattern: [mm]

Kohergroup Electronics
P9, No. 4188, Huaning Rd, M
021-34753361 Contact@ko

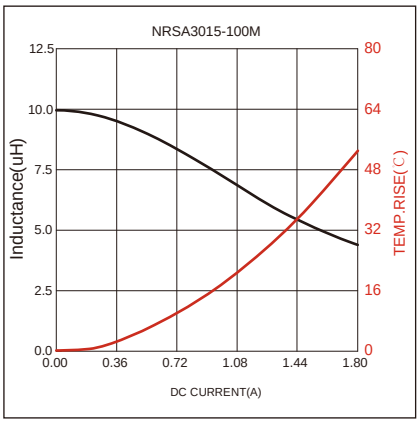


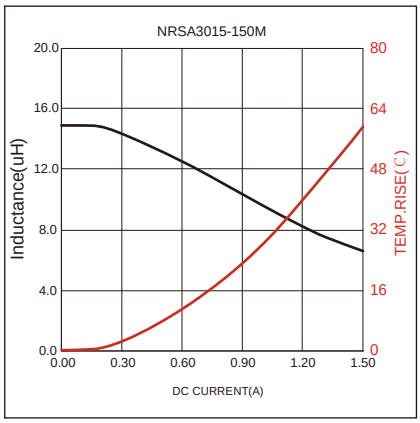
Electrical Properties:

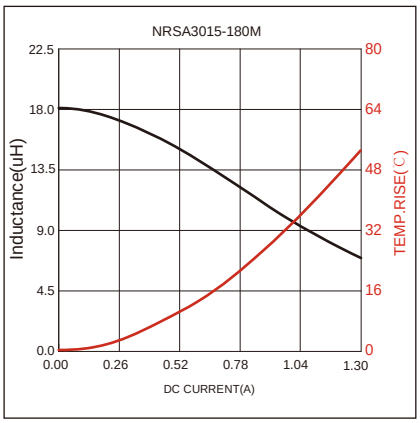
Part No	Inductance @ 100KHz/1V млϕл	Tolerance	Temperature Rise Current Max.	Current Max.	DC Resistance Typ.	DC Resistance Max.
bw{ Б нср	мрϕл	ƙ g { ! олмрнмϕ л a	мϕол	лϕфл	ннл	нсп
bw{ ! олмрπмул a	муϕл	Бнƒ̂	мϕлл	лϕтн	омл	отн
bw{ ! олмрπннл a	ннϕл	Бнƒ̂	лϕфн	лϕср	оул	прс
bw{ ! олмрπоол a	ооϕл	Бнƒ̂	лϕур	лϕрф	прл	рпл
bw{ ! олмрπптл a	птϕл	Бнƒ̂	лϕтр	лϕрм	тул	фпл
bw{ ! олмрπмлм a	млл	Бнƒ̂	лϕсл	лϕпм	мнлл	мппл
		Бнƒ̂	лϕор	лϕол	оплл	плул

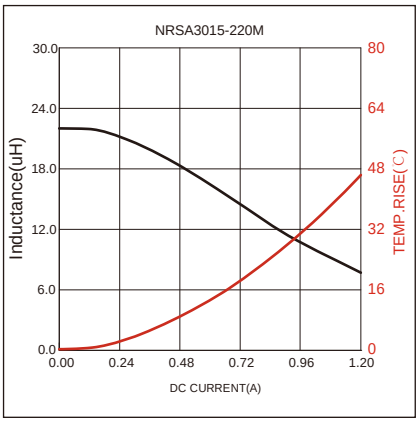
Saturation Current will cause L to drop approximately 30%
Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

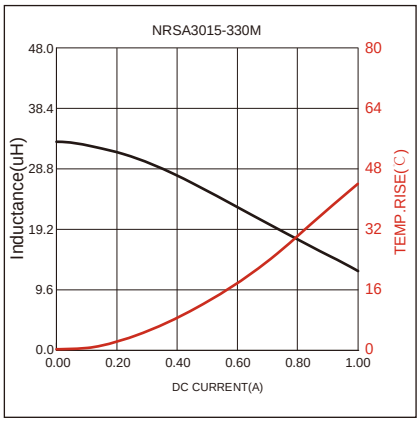
Typical Electrical Characteristics:

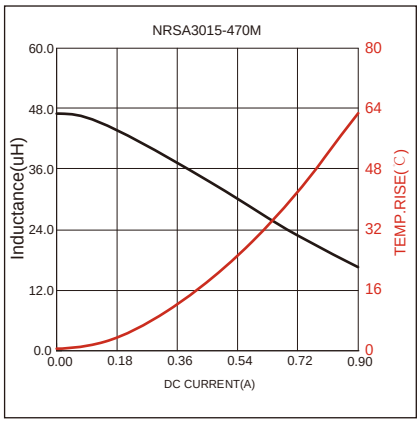


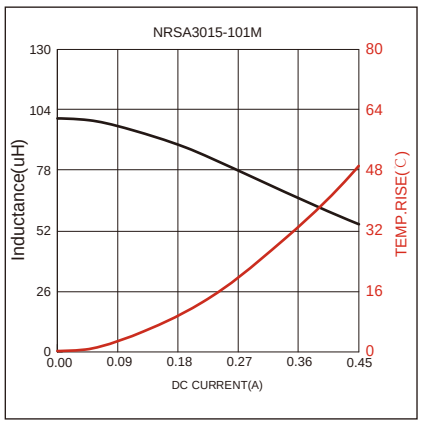












Soldering Reflow:

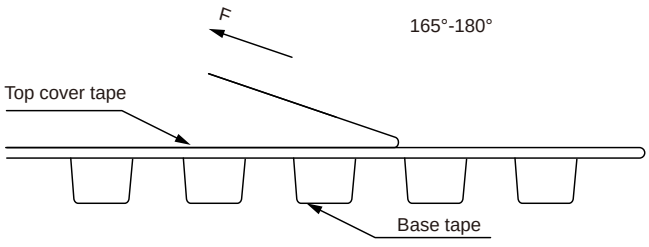
Packaging Information:

Tape Dimension:



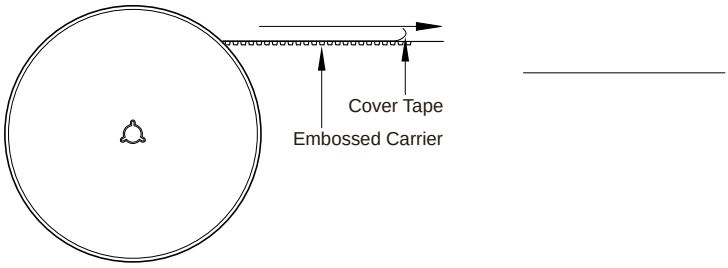
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
NRSA3015	3.4±0.1	3.4±0.1	1.5±0.1	4.0±0.1	4.0±0.1	8.0±0.3	1.7±0.1	1.75±0.1	0.23±0.1

Peel force of top cover tape:



The peel force of top cover tape shall be between 0.1 to 0.98 N

Reel Dimension：[mm]



Packaging Quantity: