

NRSA Series

SMD Power Inductors For Automotive

Size 6045



FEATURES

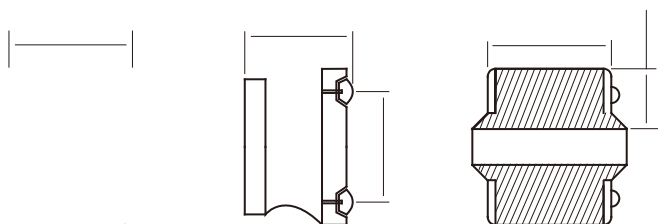
- High precision inductance
- High power handling capability
- High temperature stability
- High reliability
- High resistance to vibration
- High resistance to moisture
- High resistance to corrosion
- High resistance to aging
- High resistance to shock
- High resistance to heat
- High resistance to cold
- High resistance to pressure
- High resistance to tension
- High resistance to bending
- High resistance to twisting
- High resistance to stretching
- High resistance to compression
- High resistance to expansion
- High resistance to contraction
- High resistance to deformation
- High resistance to fracture
- High resistance to fatigue
- High resistance to creep
- High resistance to relaxation
- High resistance to aging
- High resistance to corrosion
- High resistance to moisture
- High resistance to vibration
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- High resistance to deformation
- High resistance to fracture
- High resistance to fatigue
- High resistance to creep
- High resistance to relaxation

APPLICATION

- Automotive power electronics

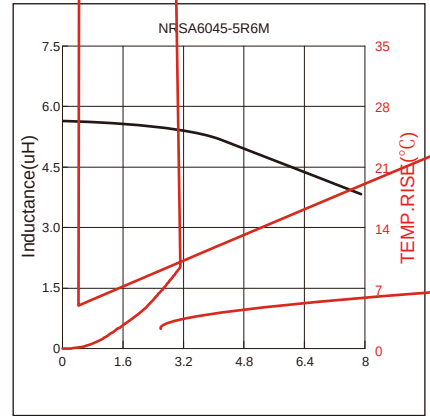
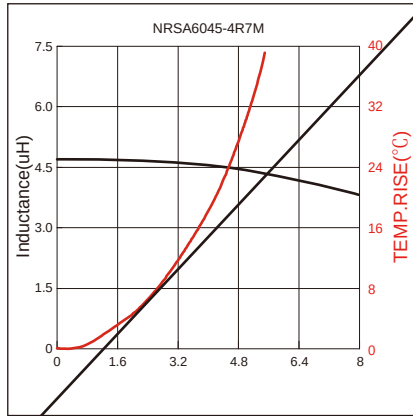
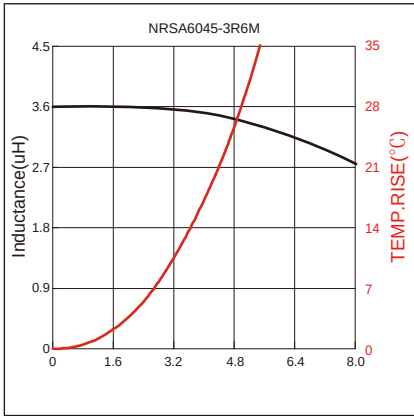
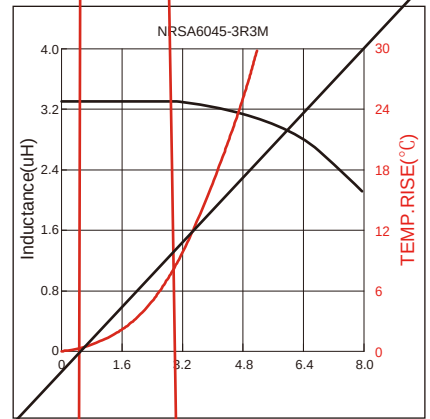
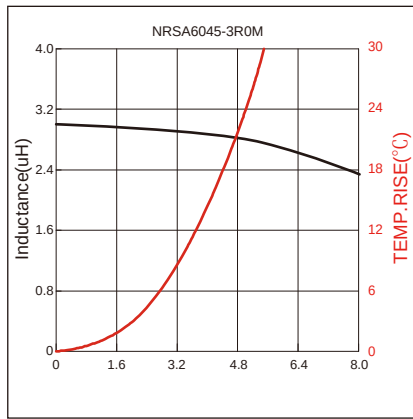
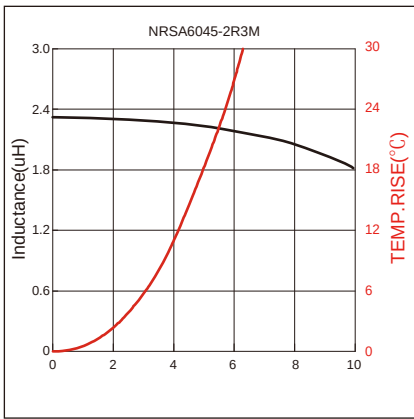
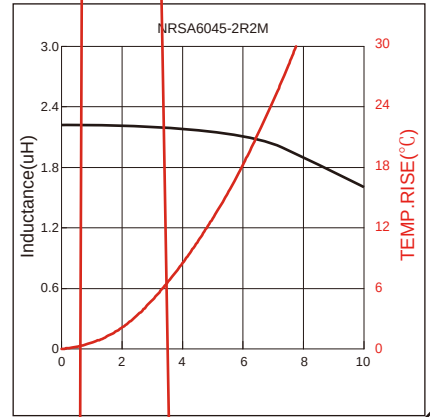
Dimensions: [mm]

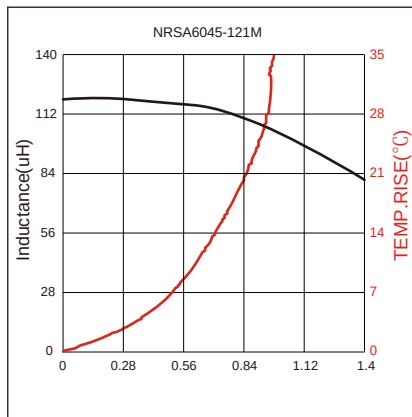
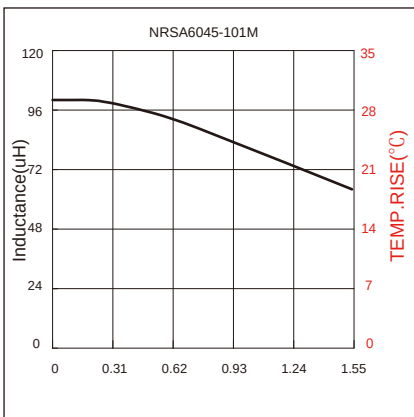
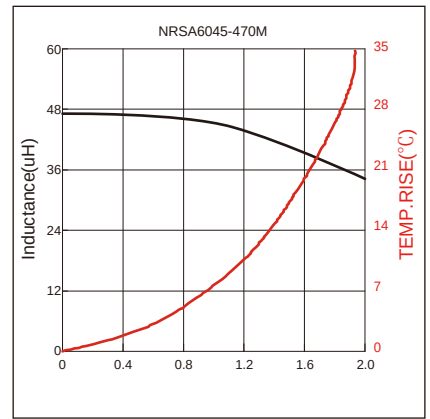
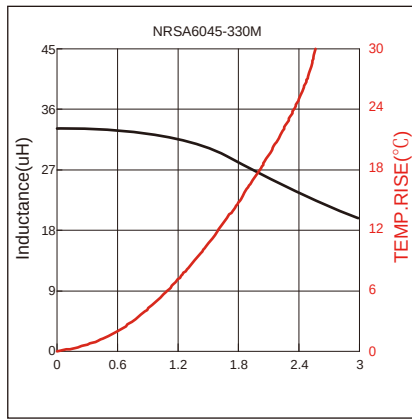
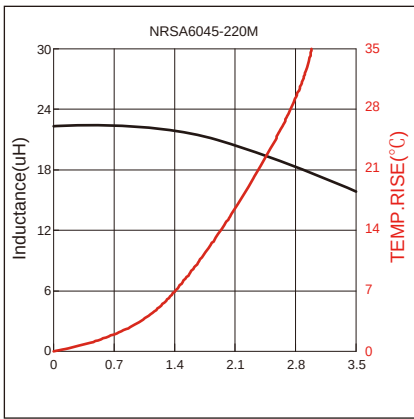
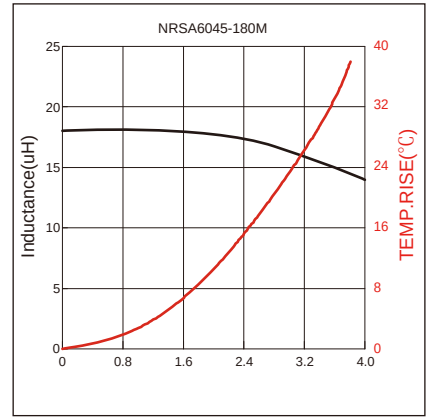
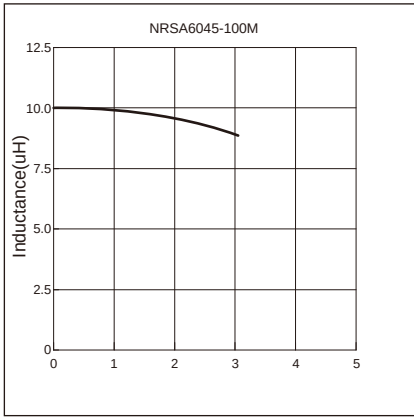
Land Pattern: [mm]

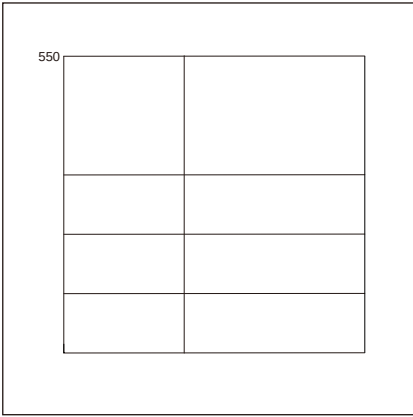
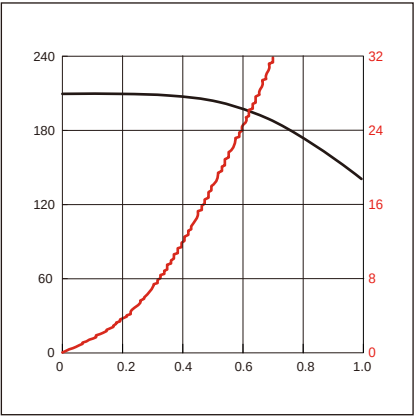


Electrical Properties:

	L@100KHz/1V (μH)	Tolerance	(A)	(A)	(A)	(A)	(mΩ)
bw{ ! слпрпвпт b	лпт	50%	мтлл	мсл	усл	улл	сул
bw{ ! слпрпвун b	лун	50%	мпрл	мфрл	уфнл	тфрл	уфрл
bw{ ! слпрпввл а	мл	50%	мофрл	мнфрл	уфл	тфл	млфл
bw{ ! слпрпвн а	мн	50%	мнфрл	ммфрл	тфрл	тфл	млфр
bw{ ! слпрпвво а	мо	50%	мнфрл	ммфрл	тфрл	тфл	млфр
bw{ ! слпрпввр а	мвр	50%	мнфл	ммфл	тфл	сфл	ммфл
bw{ ! слпрпвву а	мву	50%	ммфл	млфл	сфл	сфл	мнфл
bw{ ! слпрпнвл а	нл	50%	млфрл	ффрл	сфрл	рфл	мофр
bw{ ! слпрпнн а	нн	50%	ффрл	уфрл	сфл	рфл	мрфл
bw{ ! слпрпнво а	но	50%	ффл	уфл	рфл	рфл	мсфл
bw{ ! слпрпowl а	ол	50%	уфл	тфрл	рфнл	пфл	нфл
bw{ ! слпрпowo а	оо	50%	тфл	тфл	рфл	пфл	нмфл
bw{ ! слпрпowc а	оц	50%	тфл	сфл	пфл	пфл	ннфр
bw{ ! слпрпwт а	пт	50%	сфл	сфл	пфл	пфл	нсфл
bw{ ! слпрпwс а	рц	50%	сфл	рфл	пфл	офл	омфл
bw{ ! слпрпcwo а	цо	50%	рфл	рфл	офл	офл	оофл
bw{ ! слпрпcwу а	цу	50%	рфл	рфл	офл	офл	опфл





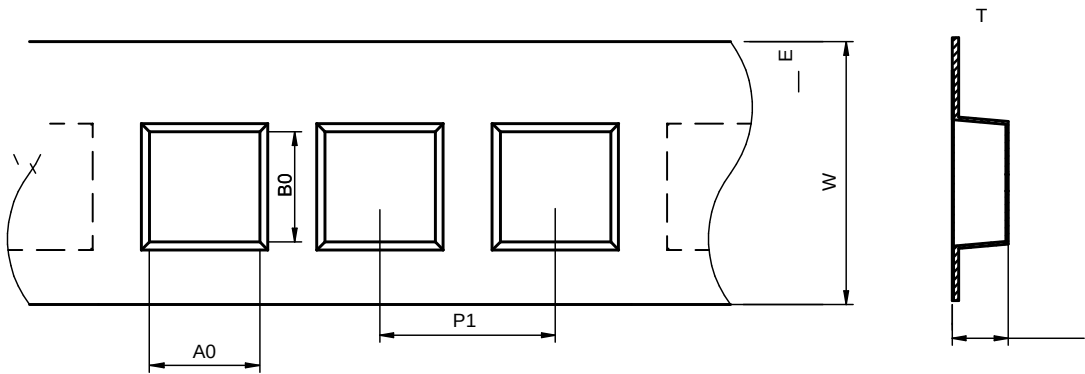


Soldering Reflow:

Preheat condition: 150 ~200°C/ 60~120 sec.
Allowed time above 217°C: 60~90 sec.
Max temperature: 260°C.
Allowed Reflow time: 2x max.

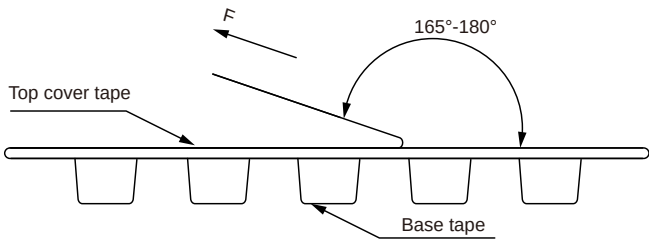
Packaging Information:

Tape Dimension :



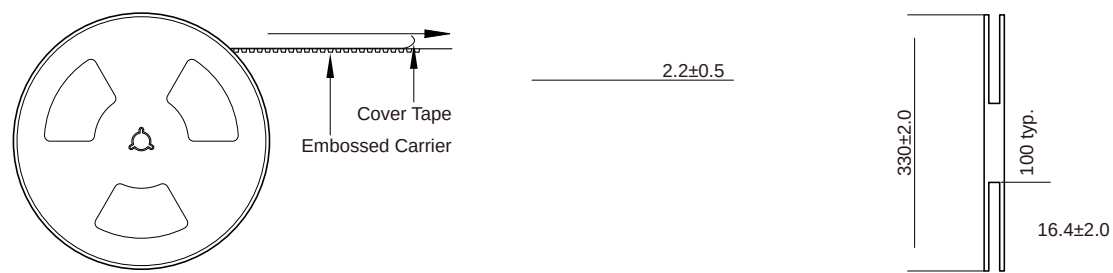
A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
6.4±0.1	6.4±0.1	1.5±0.1	4.0±0.1	12.0±0.1	16.0±0.3	4.7±0.1	1.75±0.1	0.40±0.05

Peel force of top cover tape:



The peel force of top cover tape shall be between 0.3 to 1.17 N

Reel Dimension : [mm]



Packaging Quantity: