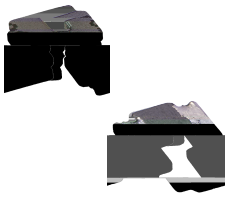
NRSE Series

SMD Shielded Tiny Power Inductor
Size 8040



CHARACTERISTICS

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APPLICATION

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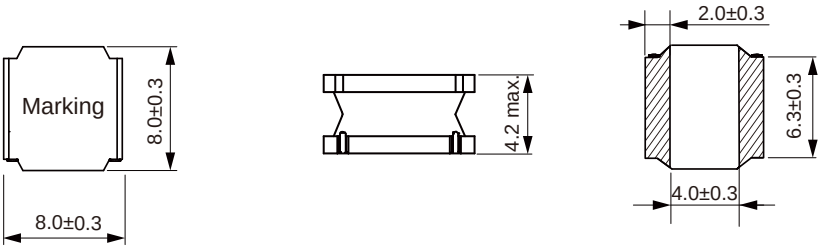
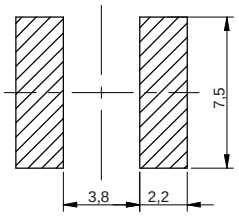
Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	Inductance (µH)	Tolerance	Saturation current (A)	Temperature Rise Current (A)	DCR ±30% (mΩ)	Test Condition

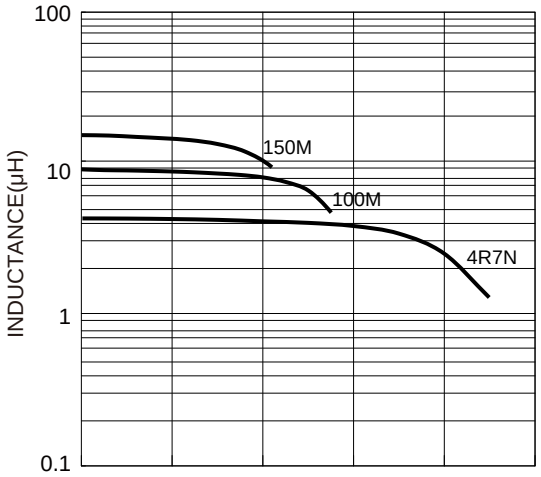
Part No	Inductance (μH)	Tolerance	Saturation current (A)	Temperature Rise Current (A)	DCR ±30% (mΩ)	Test Condition

℃ ℃

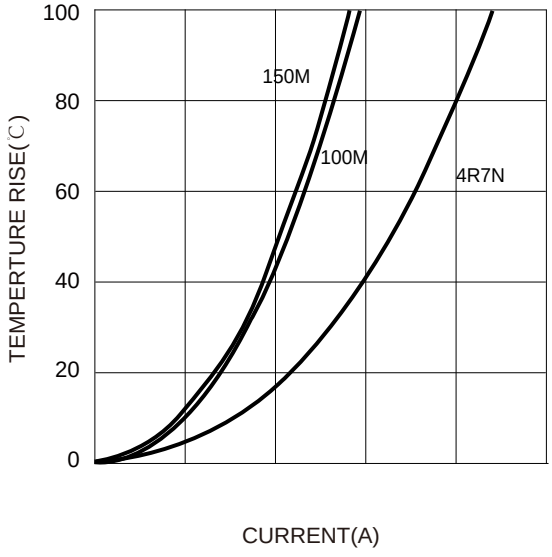
℃

Typical Electrical Characteristics:

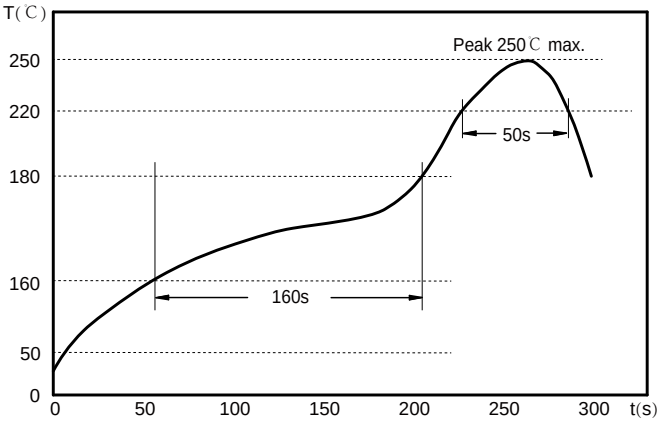
Inductance VS. Current Characteristics:



Temperture Rise VS. Current Characteristics:



Soldering Reflow:



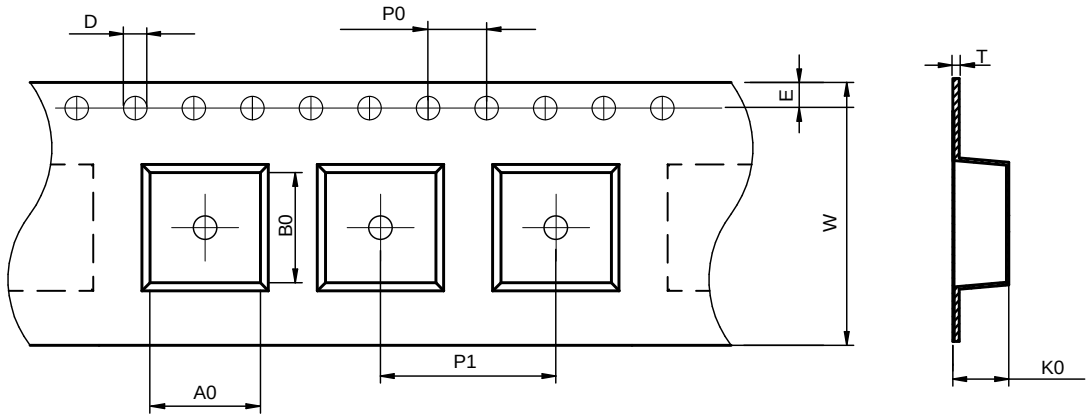
Preheat condition: 160 ~180℃/ 160 sec.

Allowed time above 220℃: 50 sec.

Max temperature: 250℃.

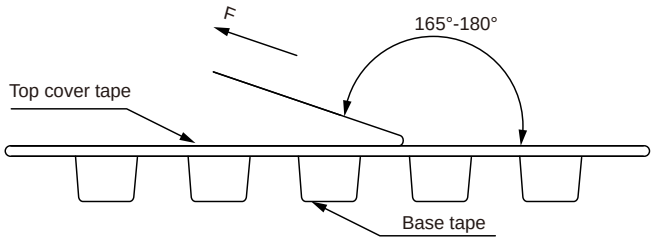
Packaging Information:

Tape Dimension:



Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
NRSE8040	9.40±0.1	9.40±0.1	1.50±0.1	4.00±0.1	12.00±0.1	16.00±0.3	4.40±0.1	1.75±0.1	0.40±0.05

Peel force of top cover tape:

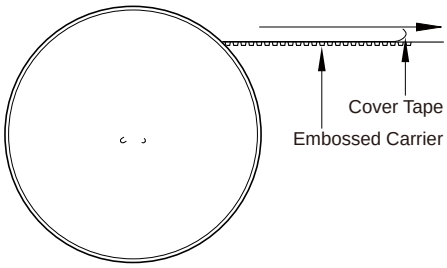


The peel force of top cover tape shall be between 0.03 to 0.98 N

Product Marking:

Marking	Printing (Inductance)

Reel Dimension：[mm]



Packaging Quantity: