THC Series

SMD High Current Inductor

Size 2017



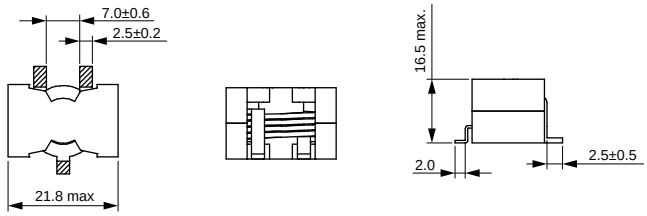
CHARACTERISTICS

- Assemblage design, sturdy structure.
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- Flat wire winding, achieve a low DC resistance.
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- temperature and frequency range.
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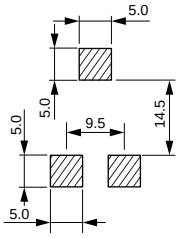
APPLICATION

- High current DC/DC converter
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Dimensions: [mm]



Land Pattern: [mm]



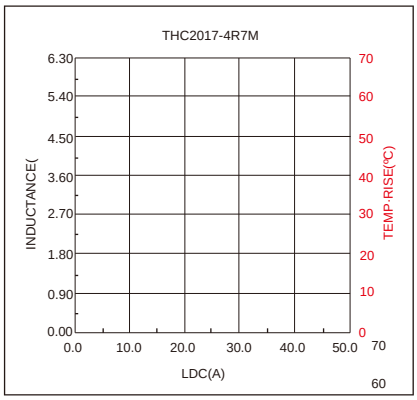
Electrical Properties:

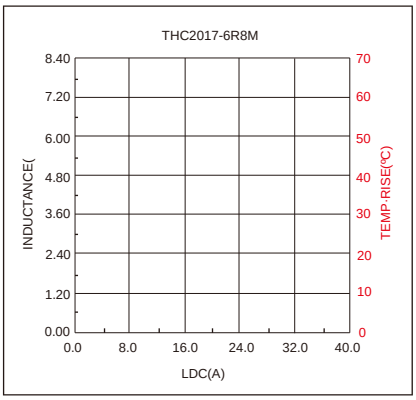
	(μH)		(A)	Satura on (A)	(mΩ)	(mΩ)
THC2017-4R7M	4.70	±20%	21.0	42.0	3.30	4.00
THC2017-6R8M	6.80	±20%	20.0	30.0	3.57	4.30
THC2017-8R2M	8.20	±20%	20.0	25.0	3.57	4.30
THC2017-100M	10.0	±20%	16.0	24.0	5.28	6.30
THC2017-220M	22.0	±20%	16.0	10.0	5.28	6.30
THC2017-330M	33.0	±20%	12.0	9.00	13.0	15.0
THC2017-470M	47.0	±20%	12.0	6.50	13.0	15.0

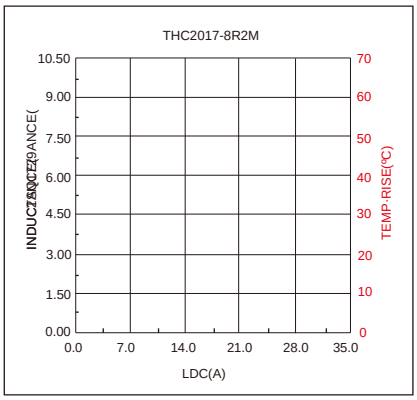
Saturation Current will cause L to drop approximately 30%

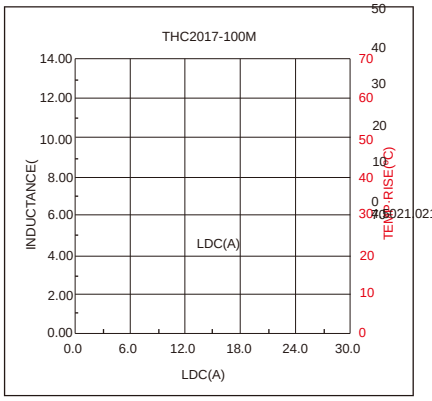
Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

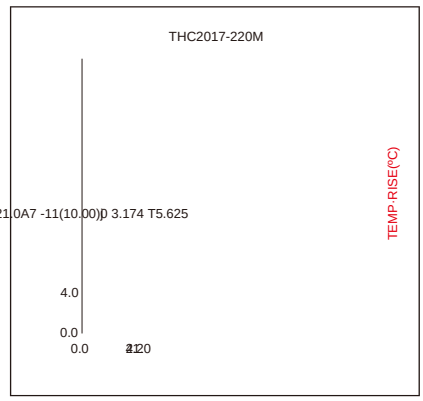
Typical Electrical Characteristics:





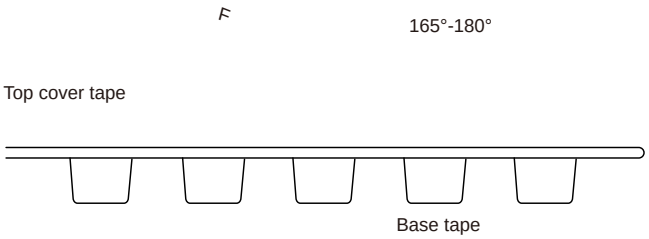




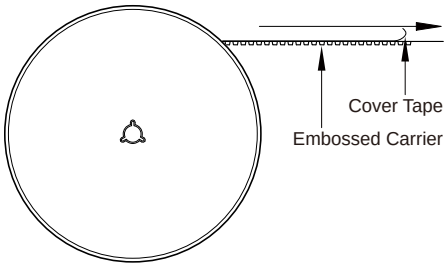


F9,0 0 12 43/C05 0 0 619,0 0 19,73.75 c26165tapem[9TP049

Peel force of top cover tape:



Reel Dimension：[mm]



Packaging Quantity: