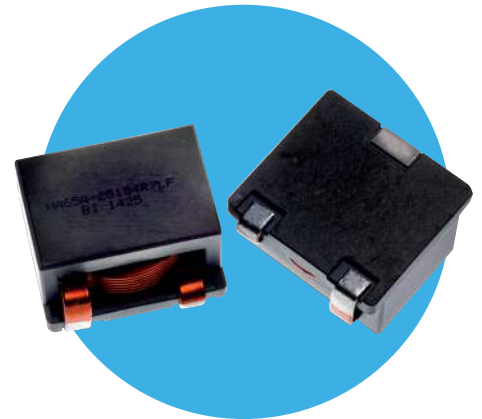


Surface Mount Power Inductors

Model HA65A

Features and Benefits

- Operating Temperature Range -40°C to +155°C
- Operating Current Up to 87Adc
- Solar Energy and hybrid car application
- AEC-Q200 certified
- RoHS Compliant



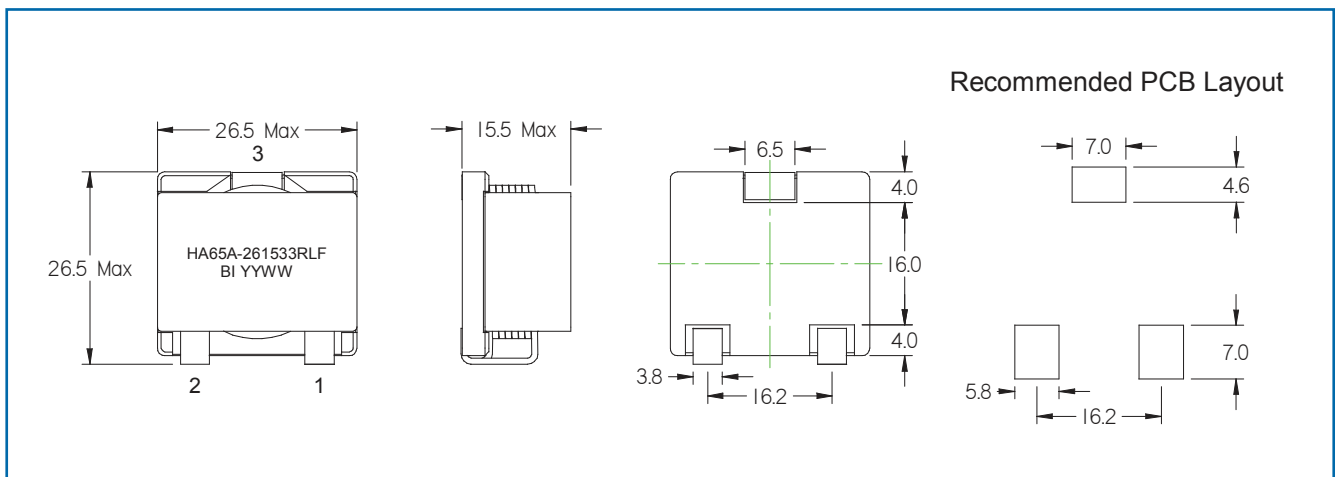
Specification @ 25°C

| Part Number | Inductance ⁽¹⁾ @0Adc μH±10% | Isat ⁽²⁾ (A) | Heating Current ⁽³⁾ (A) | SRF (MHz) | DCR (mΩ) | | Schematic |
|-----------------|--|----------------------------|--|--------------|----------|------|-----------|
| | | | | | Typ. | Max. | |
| HA65A-25153R3LF | 3.3 | 87.0 | 26 | 24 | 2.3 | 2.6 | |
| HA65A-25154R7LF | 4.7 | 61.0 | | 21 | | | |
| HA65A-25156R8LF | 6.8 | 46.0 | | 17 | | | |
| HA65A-251510RLF | 10 | 31.8 | | 14 | | | |
| HA65A-251515RLF | 15 | 22.0 | | 10 | | | |
| HA65A-251522RLF | 22 | 15.5 | | 9 | | | |
| HA65A-251533RLF | 33 | 10.3 | | 6 | | | |

Notes:

- (1) Inductance is measured at 100 kHz, 0.1Vac without DC current.
- (2) Isat is the saturation current at which inductance will be decreased by approximately 30% from its initial (0Adc) value.
- (3) The Heating Current is the DC current which causes the component temperature to increase by approximately 40°C. This current is determined by a temperature rise calculation. Part temperature should be verified at the end application.
- (4) The part temperature (ambient + temperature rise) should not exceed 155°C.

Outline Dimensions (mm)

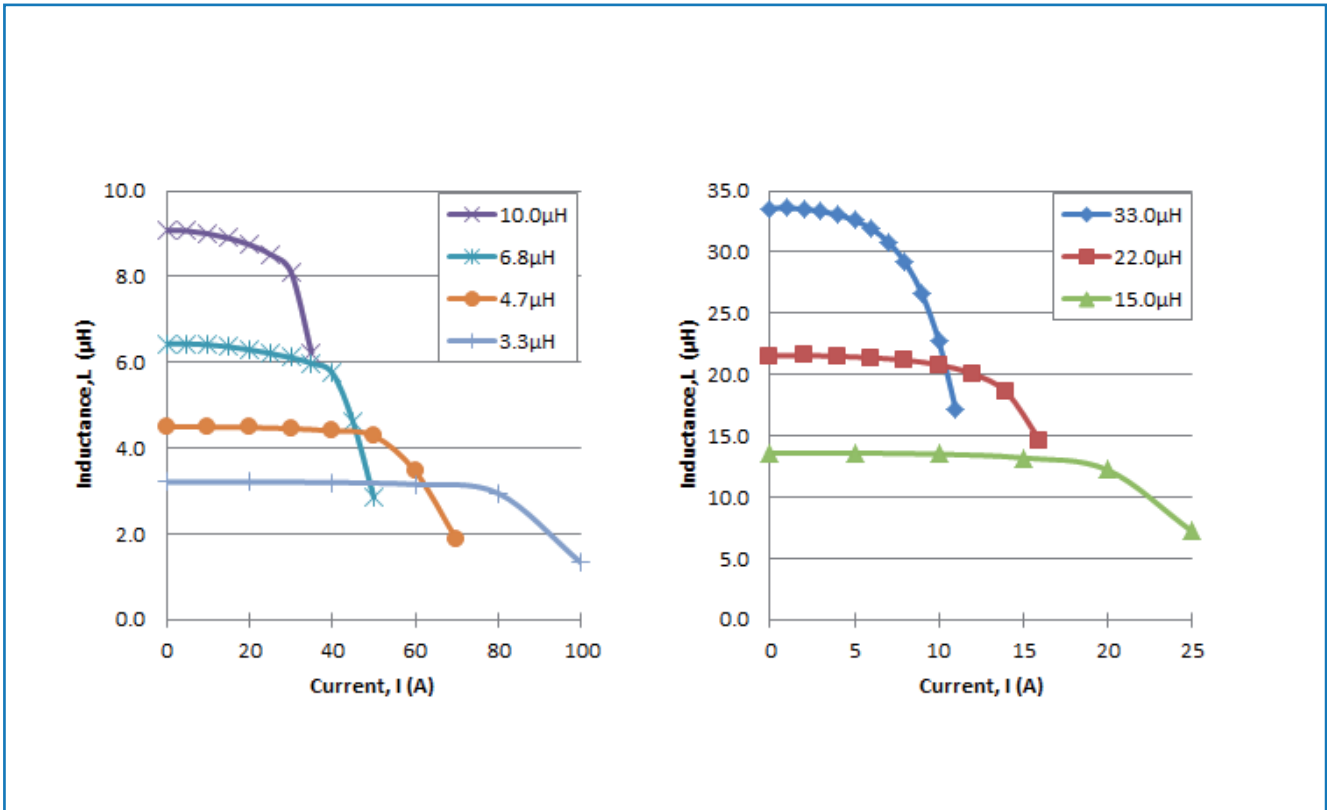


General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

Model HA65A

Electrical Characteristic @ 25°C



Packaging / Ordering Information

HA65A - 2515 3R3 LF

Model Series ———— |
 Case Size ———— |

Inductance Code:
 "R" denotes a decimal point.

| | |
|---------------------|--------|
| One tray | 15pcs |
| One shipping carton | 135pcs |

General Note

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