CTSFW1335F Series

From .25µH to 3.3µH

SPECIFICATIONS

*Isat: Value of inductance decrease within 30%
**Irms: A rise in temperature of core surface is within 50°C

Part Number	Inductance ±20% (µH)	DCR Nom.(Max.) (mΩ)	Isat(A) Drop ≤30%	Irms(A) Rise ≤50°C
CTSFW1335F-R25M	0.25	0.75(0.80)	60.00	24.00
CTSFW1335F-R68M	0.68	1.58(1.70)	40.00	22.00
CTSFW1335F-1R2M	1.20	2.85(3.10)	28.00	17.00
CTSFW1335F-1R8M	1.80	5.60(6.20)	22.00	14.00
CTSFW1335F-2R2M	2.20	5.70(6.30)	18.00	14.00
CTSFW1335F-3R3M	3.30	8.10(8.90)	14.00	12.00

CHARACTERISTICS

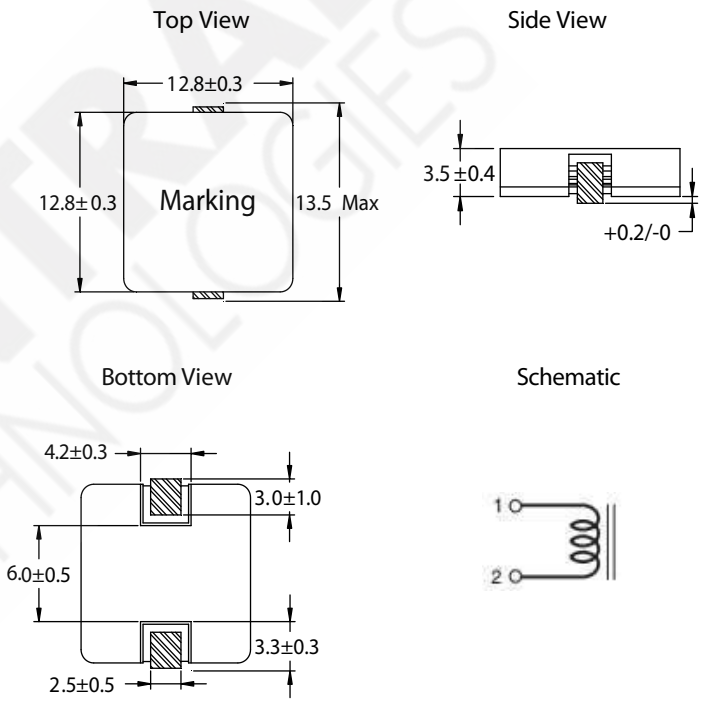
Description: SMD flat wire high current power inductors
Features:

- Magnetic shielded structure, excellent resistance to electromagnetic interference
- Flat wire winding, achieve a low DC resistance
- Lightweight design, save space, suitable for high density SMT

Applications: Low loss, high efficiency, wide application frequency, and application scope
Operating Temperature: -55°C to +150°C
Inductance Tolerance: ±20%
Testing: Inductance at 100kHz, 0.1V
Packaging: Tape & Reel
Miscellaneous: RoHS Compliant
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

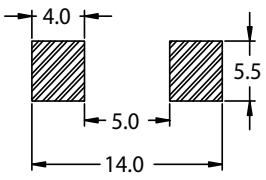
PHYSICAL DIMENSIONS

Unit: mm



PAD LAYOUT

Unit: mm



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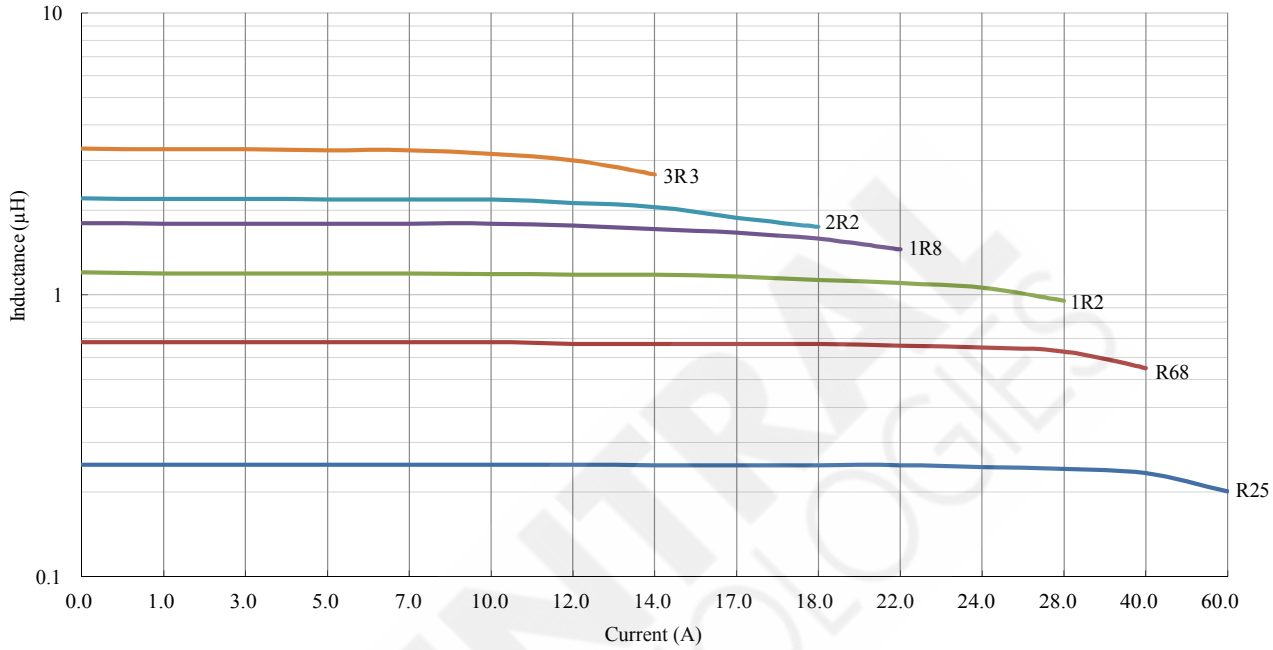
Typical Inductance vs Current Characteristics



Typical Temperature Rise vs Current Characteristics