

CTSFW1335F Series

From .25 μ H to 3.3 μ H

SPECIFICATIONS

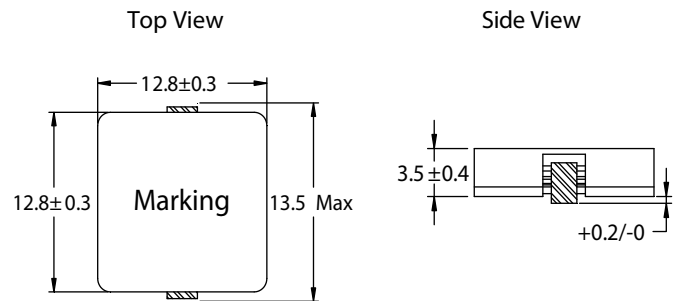
*Isat: Value of inductance decrease within 30%
 **I_{rms}: A rise in temperature of core surface is within 50°C

Part Number	Inductance $\pm 20\%$ (μ H)	DCR Nom.(Max.) (m Ω)	Isat(A) Drop $\leq 30\%$	I _{rms} (A) Rise $\leq 50^\circ$ 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

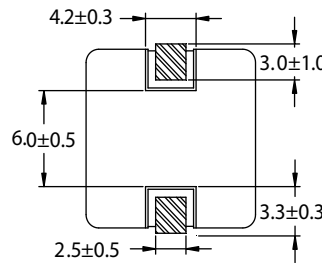


PHYSICAL DIMENSIONS

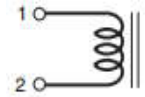
Unit: mm



Bottom View



Schematic



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: $\pm 20\%$

Testing: Inductance at 100kHz, 0.1V

Packaging: Tape & Reel

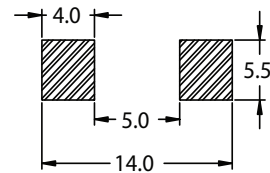
Miscellaneous: RoHS Compliant

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

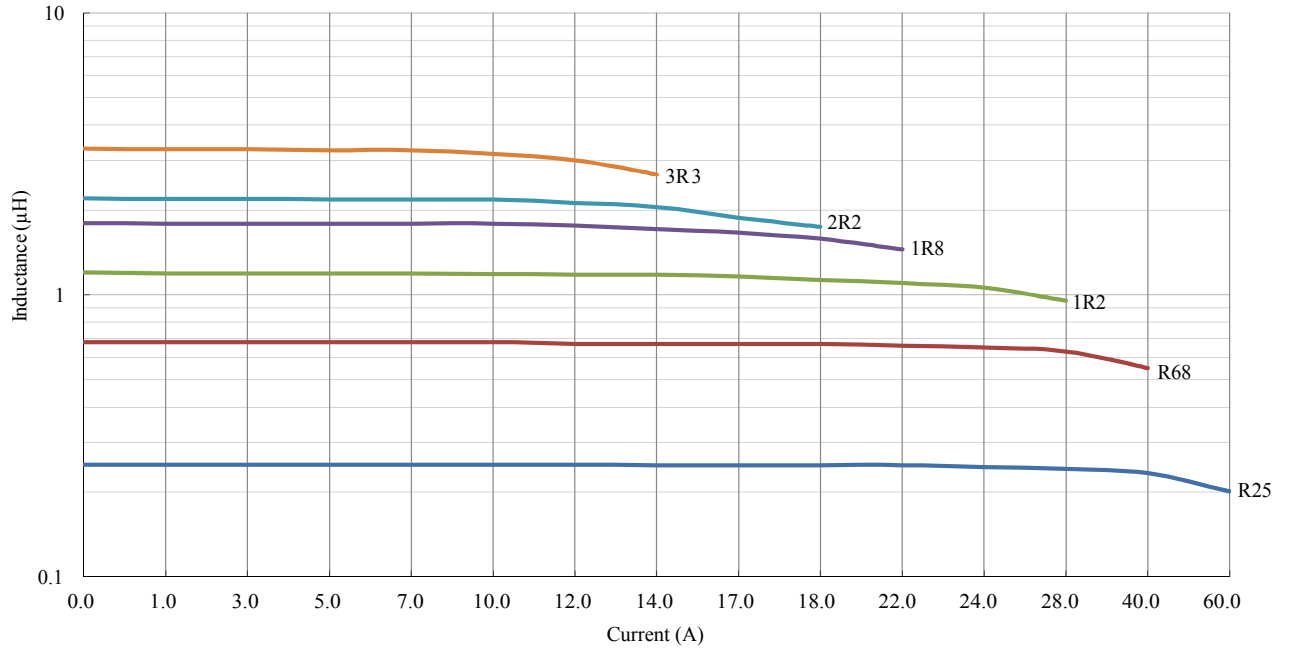
PAD LAYOUT

Unit: mm



CTSFW1335F Series

Typical Inductance vs Current Characteristics



Typical Temperature Rise vs Current Characteristics

