CTDAS0910AF Series

From 6.8µH to 22µH



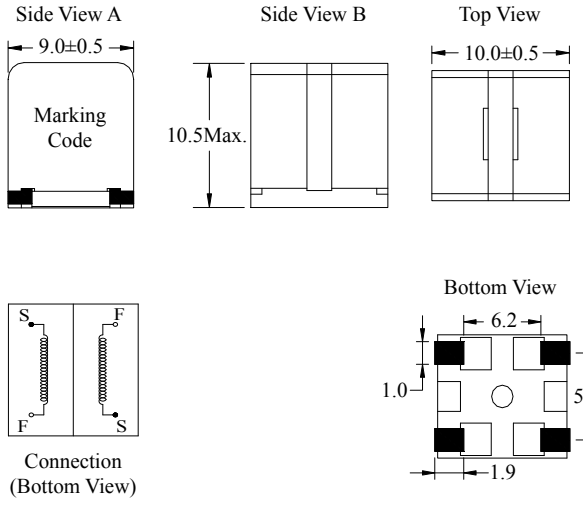
SPECIFICATIONS

*Isat: Value of inductance decrease within 20%
**Irms: A rise in temperature of core surface is within 40°C

Part Number	Inductance ±20% (µH)	Test Freq. (kHz)	DCR Nom.(Max.) (mΩ)	*Isat(A) Drop ≤20%	**Irms(A) Rise ≤40°C
CTDAS0910AF-6R8M	6.80	1.0	15.90(19.00)	7.80	5.00
CTDAS0910AF-8R2M	8.20	1.0	15.90(19.00)	7.00	5.00
CTDAS0910AF-100M	10.00	1.0	18.10(21.00)	5.60	4.80
CTDAS0910AF-150M	15.00	1.0	29.30(35.00)	4.80	3.50
CTDAS0910AF-220M	22.00	1.0	37.00(45.00)	3.30	3.50

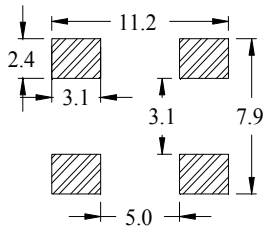
PHYSICAL DIMENSIONS

Unit: mm



PAD LAYOUT

Unit: mm



CHARACTERISTICS

Description: SMD Inductors for Class D
Features:

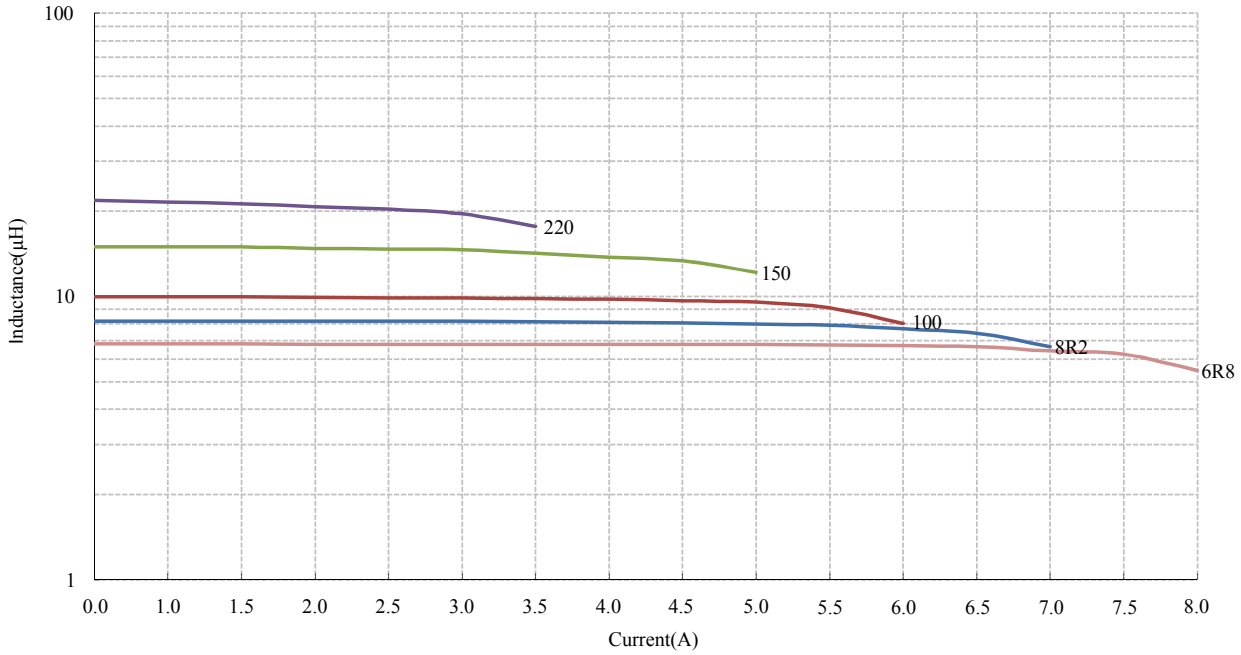
- Magnetic shielded structure, excellent resistance to electro-magnetic interference.
- Sturdy contruction.
- Low magnetic loss, low ESR, small parasitic capacitance.
- Closed magnetic circuit, super low buzzing, high density mount.
- The temperature rise of current and rated current less influenced by the environment.

Applications: TV and monitor, AV amplifier, video game console, power supply, navigation equipment, audio applications, etc.
Operating Temperature: -55°C to +125°C
Inductance Tolerance: ±20%
Testing: Inductance at 1.0kHz, 1.0V
Packaging: Tape & Reel.
Marking: Parts are marked with inductance code.
Miscellaneous: **RoHS Compliant.**
Additional Information: Additional electrical & physical information available upon request.
Samples available. See website for ordering information.

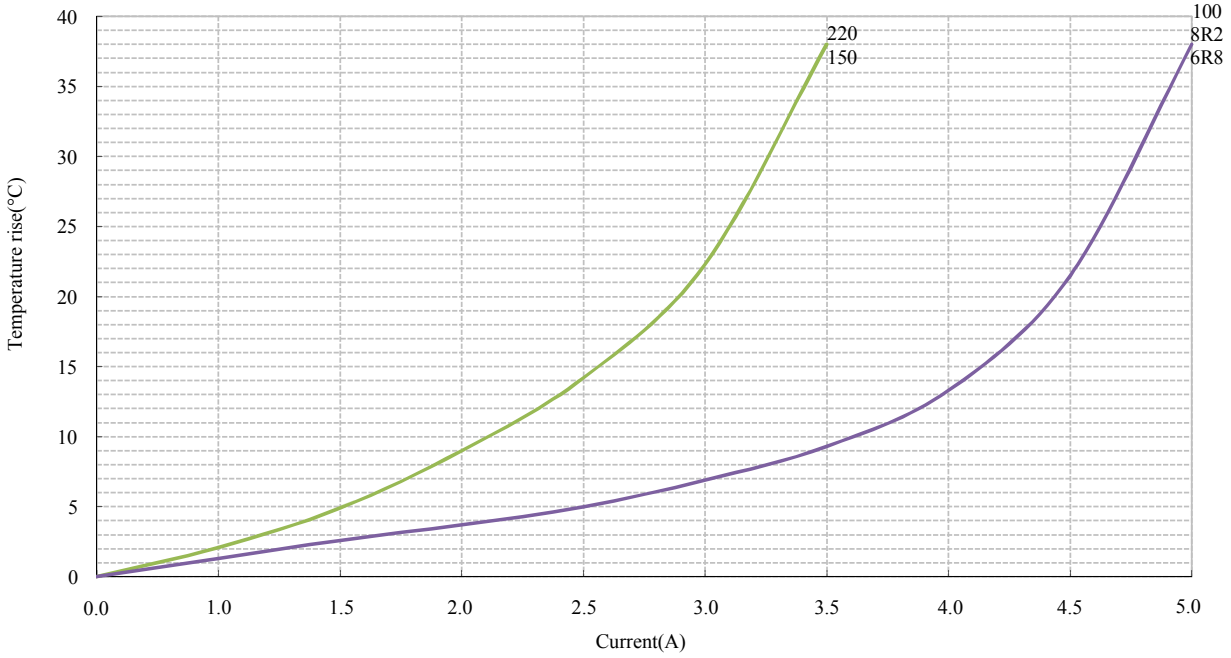
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CTDAS0910AF Series

Typical Inductance vs Current Characteristics



Typical Temperature Rise vs Current Characteristics



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