CTDAS0910AF Series From 6.8µH to 22µH



CHARACTERISTICS

Description: SMD Inductors for Class D **Features:**

- Magnetic shielded structure, excellent resistance to electromagnetic 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.

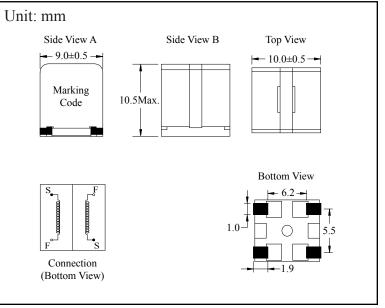
Samples available. See website for ordering information.

SPECIFICATIONS

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

Part Number	Inductance ±20% (μΗ)	Test Freq. (kHz)	DCR Nom.(Max.) (mΩ)	*lsat(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



PAD LAYOUT

