

1. Features of L201392A Series :

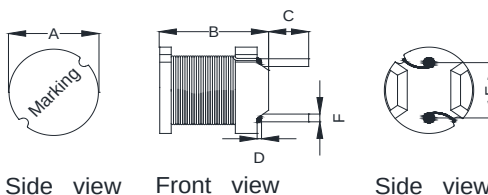
- Radial leaded unshielded Drum Inductor.
- Low DC Resistance for high current application.
- Ideal for noise filtering, storage and DC/DC convertor applications.
- Inductance Range of 150.0uH to 1000.0uH, Custom values are welcomed.
- Surge Voltage: 400VDC.
- Operating Temperature Range: -55°C to + 130°C , RoHS & HF compliant.

2. Electrical Characteristics of L201392A Series:

ITG Part Number	OCL (uH) ± 10%	DCR (Ω) Typ.	DCR (Ω) Max	Isat ¹ (A) @25°C	Isat ² (A) @25°C	Isat ³ (A) @25°C	Irms ¹ (A) @25°C	Irms ² (A) @25°C	Making
L201392A-151KHF	150.00	0.255	0.293	1.50	1.70	1.90	1.20	1.70	•151
L201392A-181KHF	180.00	0.345	0.397	1.40	1.60	1.80	1.00	1.40	•181
L201392A-221KHF	220.00	0.423	0.486	1.20	1.40	1.50	0.95	1.30	•221
L201392A-331KHF	330.00	0.532	0.612	0.94	1.20	1.35	0.85	1.15	•331
L201392A-471KHF	470.00	0.813	0.935	0.84	1.00	1.15	0.70	0.90	•471
L201392A-561KHF	560.00	1.050	1.207	0.78	0.88	1.00	0.60	0.80	•561
L201392A-681KHF	680.00	1.220	1.400	0.73	0.84	0.90	0.58	0.75	•681
L201392A-821KHF	820.00	1.365	1.570	0.64	0.75	0.82	0.55	0.70	•821
L201392A-102KHF	1000.00	1.780	2.050	0.56	0.66	0.72	0.45	0.60	•102

3. Mechanical Dimension of L201392A Series (Unit:mm):

A Max.	B Max.	C ±0.50	D Max.	E ±0.50	F Ref.
8.30	10.00	3.50	3.00	5.00	Φ0.70



Dot of marking indicates the start terminal of winding

Notes:

- 1.OCL (Open Circuit Inductance) and L@Irms and L@Isat and DCR are measured at:1KHz,0.25V at 25°C.
- 2.Isat1: DC current that causes inductance to drop by approximately 10% from OCL.
- 3.Isat2: DC current that causes inductance to drop by approximately 20% from OCL.
- 4.Isat3: DC current that causes inductance to drop by approximately 30% from OCL.
- 5.Irms1: DC current that causes an approximate temperature rise (ΔT) of 20°C.
- 6.Irms2: DC current that causes an approximate temperature rise (ΔT) of 40°C

4. Inductance Characteristics of L201392A Series (Inductance vs Current) :

