



■ Features:

- Lowest DCR / uH, in this package size
- Handles high transient current spikes without saturation
- Ultra low noise, due to composite construction

■ Applications:

- Notebook/Desktop/Server applications
- Low profilis, high current power supplies
- DC/DC converter for Field programmable gate Array

■ Parts code:

FLIHP 1260

Type

1R0

Inductance code

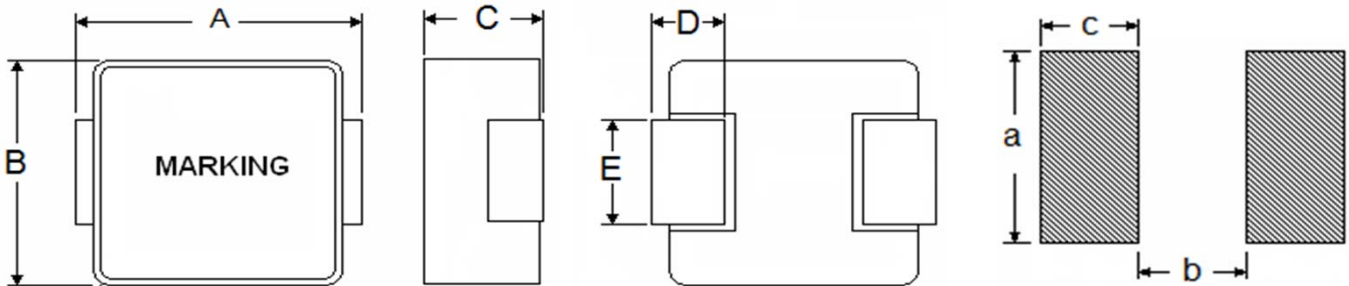
M

Tolerance: M : ± 20%

N : ± 30%

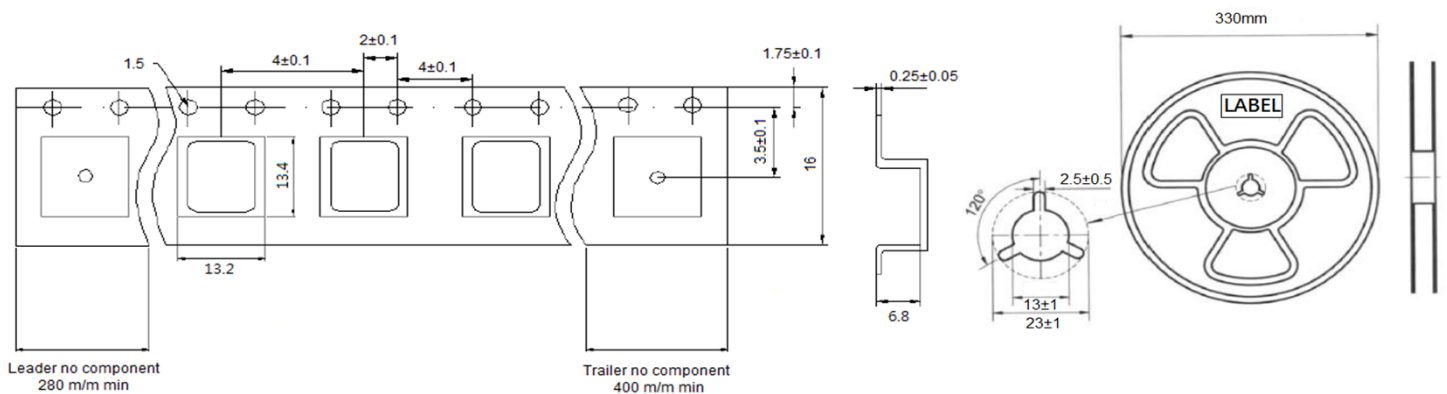
■ Outline Dimension:

■ Recommended Land Pattern:



Dimensions in mm

TYPE	A	B	C	D	E	a	b	c
FLIHP 1260	13.8max	12.6±0.3	6.0 max	2.7±0.5	3.5±0.5	3.6Typ	8.2 Typ	2.8 Typ



■ Package: Q'TY / Reel

FLIHP-1260--400/pcs

Hi-Current Power Inductor FLIHP 1260



13.5X12.5X6.0

■ Specifications

FLIHP 1260				
Flic No.	L	DCR (mΩ)	Stauration Current	Heat Rating Current
	(uH)	Max	Isat (A) Typ.	Irms (A) Typ.
FLIHP 1260- 2R2M	2.2	6.0	26.00	18.00
FLIHP 1260- 3R3M	3.3	9.0	23.00	12.00
FLIHP 1260- 6R8M	6.8	13.8	15.00	11.50
FLIHP 1260- 8R2M	8.2	16.0	13.50	11.00
FLIHP 1260- 100M	10	20.7	12.50	10.00
FLIHP 1260- 120M	12	23.0	10.00	7.00
FLIHP 1260- 150M	15	29.0	9.00	6.00
FLIHP 1260- 180M	18	35.0	8.00	5.00
FLIHP 1260- 220M	22	39.0	7.50	5.00
FLIHP 1260- 270M	27	56.0	6.50	4.00
FLIHP 1260- 330M	33	75.0	6.00	4.00
FLIHP 1260- 470M	47	90.0	5.50	3.50
FLIHP 1260- 680M	68	130.0	4.50	3.25
FLIHP 1260- 820M	82	140.0	4.00	3.00
FLIHP 1260- 101M	100	200.0	3.50	2.50
FLIHP 1260- 121M	120	235.0	3.20	2.30
FLIHP 1260- 151M	150	350.0	2.70	2.00

■ Notes: Tolerance: M (± 20%) , N (± 30%)

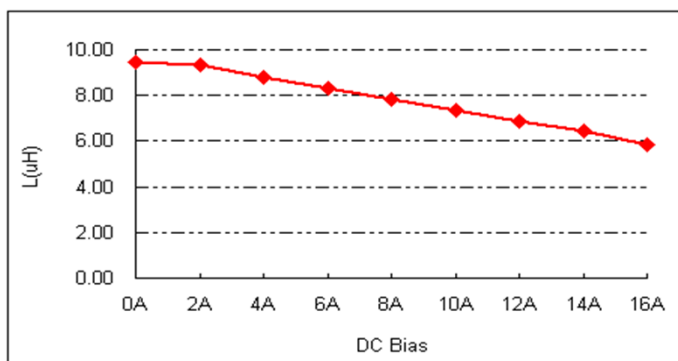
■ Test Ferquency: 100 KHz / 1V

- Isat: Based on Inductance decrease 30%
- Irms: Based on Temperature increase 40°C
- Operating temperature range: -40°C ~ +125°C
- Storage Temp: -40°C ~ +125°C

■ TYPICAL ELECTRICAL CHARACTERISTICS:

■ Inductance vs. DC Current Characteristics

FLIHP1260-10uH/M



■ Temperature vs. DC Current Characteristics

