



■ 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 201610

Type

2R2

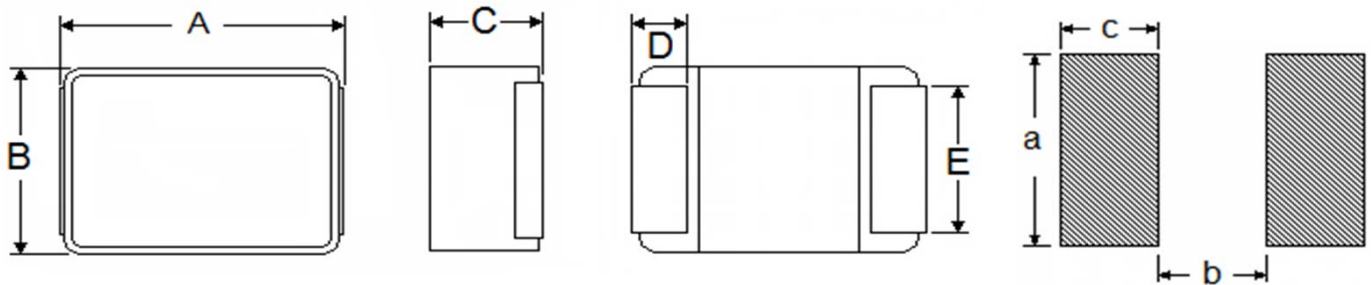
Inductance code

M

Tolerance: M : ± 20%

N : ± 30%

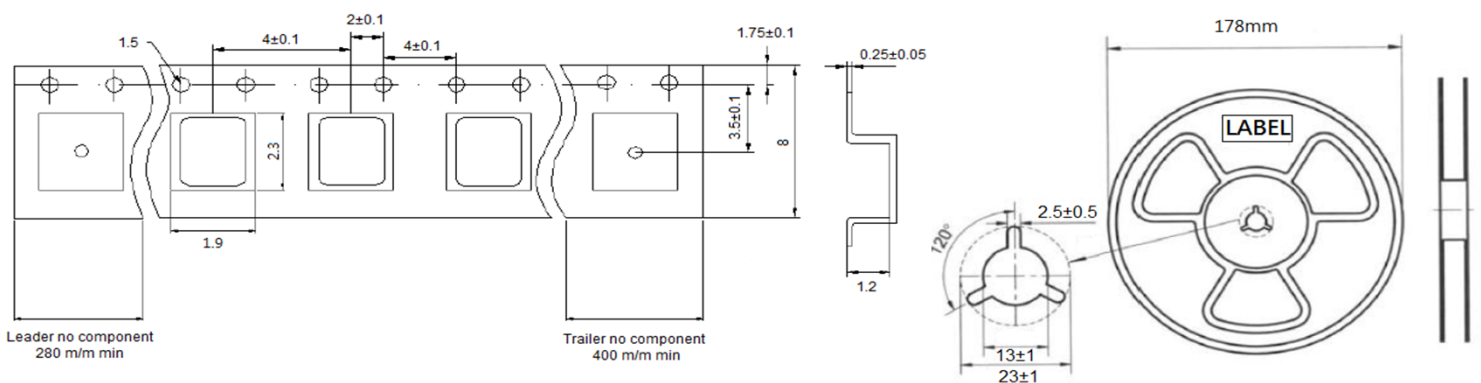
■ Outline Dimension:



■ Recommended Land Pattern:

Dimensions in mm

TYPE	A	B	C	D	E	a	b	c
FLIHP 201610	2.0±0.2	1.6±0.2	1.0 max	0.5±0.2	1.6±0.2	1.7 Typ	1.0 Typ	0.6 Typ



■ Package: Q'TY / Reel

FLIHP-201610--3K/pcs

Hi-Current Power Inductor FLIHP 201610



2.0X1.6X1.0

■ Specifications

FLIHP 201610

Flic No.	L	DCR (mΩ)	Stauration Current	Heat Rating Current
	(uH)	Max	Isat (A) Typ.	Irms (A) Typ.
FLIHP 201610- R24M	0.24	26	5.60	4.00
FLIHP 201610- R33M	0.33	30	4.50	3.50
FLIHP 201610- R47M	0.47	37	4.10	3.30
FLIHP 201610- R68M	0.68	50	3.20	2.70
FLIHP 201610- 1R0M	1.0	70	2.60	2.30
FLIHP 201610- 1R5M	1.5	105	2.10	1.80
FLIHP 201610- 2R2M	2.2	186	1.50	1.50
FLIHP 201610- 3R3M	3.3	276	1.15	1.20
FLIHP 201610- 4R7M	4.7	396	1.00	0.95

■ Test Ferquency: 1 MHz / 1V

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

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