



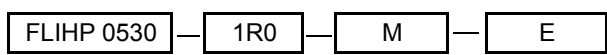
■ Features:

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

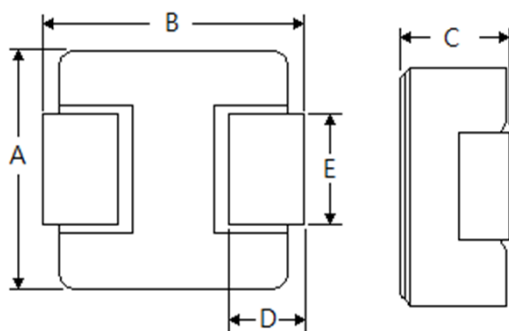
■ Applications:

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

■ Parts code:



Type Inductance code Tolerance Traceability Code



Dimensions in mm

FLIHP 0530				
A	B	C	D	E
5.5 Max	5.7 Max	3.0 Max	1.2	2.2

■ Specifications

P/N	Inductance uH ± 20% @0A	DCR (mΩ)		HEAT RATING CURRENT DC AMPS ³ TYPICAL	SATURATION CURRENT DC AMPS ³ TYPICAL
		TYPICAL 25°C	MAX 25°C		
FLIHP 0530-R20M-E	0.20	3.5	3.9	18.0	14.5
FLIHP 0530-R47M-E	0.47	7.4	8.5	13.5	12.0
FLIHP 0530-R68M-E	0.68	11	12	8.5	14.0
FLIHP 0530-1R0M-E	1.0	13	14	7.0	11.0
FLIHP 0530-1R2M-E	1.2	15	16	6.5	11.0
FLIHP 0530-1R5M-E	1.5	20	25	6.0	8.5
FLIHP 0530-2R2M-E	2.2	25	29	5.5	7.5
FLIHP 0530-3R3M-E	3.3	32	38	5.0	6.0
FLIHP 0530-4R7M-E	4.7	50	60	3.5	5.0
FLIHP 0530-6R8M-E	6.8	75	90	3.0	4.0
FLIHP 0530-100M-E	10	110	125	2.5	3.5

■ Notes: Test Freq. :100KHz / 1V

- ⊙ All test Data is referenced to 25°C ambient
- ⊙ Typical Heat Rating DC Current would cause an approximately ΔT of 40°C
- ⊙ Typical Saturation DC Current would cause Lo to drop approximately 30%
- △ Operating Temperature Range: -25°C to +125°C