



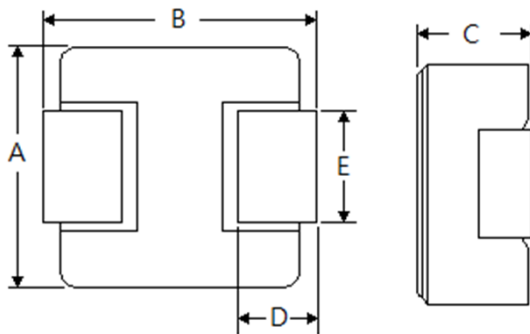
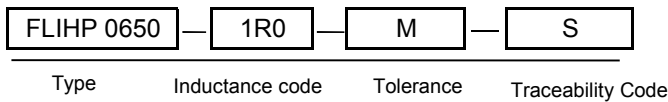
■ Features:

- 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 profilis, high current power supplies
- DC/DC converter for Field programmable gate Array

■ Parts code:



Dimensions in mm

FLIHP 0630				
A	B	C	D	E
6.8 Max	7.4 Max	5.0 Max	1.6	3.0

■ Specifications

P/N	Inductance uH ± 20% @0A	DCR (mΩ)		HEAT RATING CURRENT DC AMPS ³ TYPICAL	STAURATION CURRENT DC AMPS ³ TYPICAL
		TYPICAL 25°C	MAX 25°C		
FLIHP 0650-R22M	0.22	1.1	1.3	30.0	35.0
FLIHP 0650-R47M	0.47	3.2	3.8	20.0	21.0
FLIHP 0650-R56M	0.56	3.4	3.9	18.0	18.0
FLIHP 0650-R68M	0.68	3.9	4.2	16.0	16.0
FLIHP 0650-R82M	0.82	4.6	4.9	14.0	15.0
FLIHP 0650-1R0M	1.0	6.5	8.5	12.0	13.0
FLIHP 0650-1R5M	1.5	7.0	8.5	10.0	12.0
FLIHP 0650-2R2M	2.2	11.2	12.5	9.5	10.0
FLIHP 0650-3R3M	3.3	20.0	22.0	8.5	9.0
FLIHP 0650-4R7M	4.7	26.0	30.0	6.0	8.0
FLIHP 0650-6R8M	6.8	36.0	41.0	5.5	7.0
FLIHP 0650-100M	10	48.0	55.0	4.5	6.0
FLIHP 0650-150M	15	77.0	85.0	3.1	4.0
FLIHP 0650-220M	22	125.0	140.0	2.5	3.5
FLIHP 0650-330M	33	150.0	200.0	2.3	3.0
FLIHP 0650-470M	47	260.0	300.0	2.0	2.8

■ 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: -55°C to +125°C