

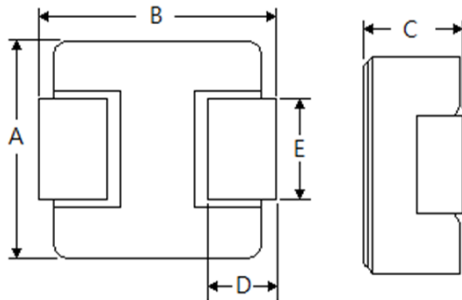
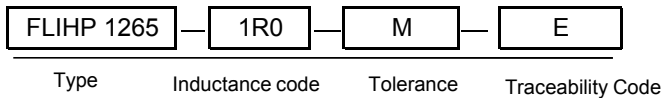
### Features:

- Lowest DCR /  $\mu\text{H}$ , 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 profile, high current power supplies
- DC/DC converter for Field programmable gate Array

### Parts code:



Dimensions in mm

FLIHP 1265				
A	B	C	D	E
13.3 Max	14.5 Max	6.5 Max	2.5	3.8

### Specifications

P/N	Inductance $\mu\text{H} \pm 20\%$ @0A	DCR (m $\Omega$ )		HEAT RATING CURRENT DC AMPS <sup>3</sup> TYPICAL	SATURATION CURRENT DC AMPS <sup>3</sup> TYPICAL
		TYPICAL 25°C	MAX 25°C		
FLIHP 1265-R10M-E	0.10	0.47	0.50	60.0	120.0
FLIHP 1265-R15M-E	0.15	0.53	0.60	55.0	118.0
FLIHP 1265-R22M-E	0.22	0.63	0.70	53.0	112.0
FLIHP 1265-R30M-E	0.30	0.70	0.80	48.0	72.0
FLIHP 1265-R33M-E	0.33	0.83	0.90	46.0	65.0
FLIHP 1265-R40M-E	0.40	0.90	1.00	44.0	64.0
FLIHP 1265-R47M-E	0.47	1.00	1.20	41.0	63.0
FLIHP 1265-R56M-E	0.56	1.20	1.40	37.0	62.0
FLIHP 1265-R68M-E	0.68	1.40	1.60	35.0	60.0
FLIHP 1265-R82M-E	0.82	1.6	1.9	33.0	50.0
FLIHP 1265-1R0M-E	1.0	1.7	2.0	32.0	59.0
FLIHP 1265-1R2M-E	1.2	2.1	2.5	30.0	48.0
FLIHP 1265-1R5M-E	1.5	2.5	3.0	27.0	45.0
FLIHP 1265-1R8M-E	1.8	2.8	3.2	24.0	41.0
FLIHP 1265-2R2M-E	2.2	3.5	4.2	22.0	40.0
FLIHP 1265-3R3M-E	3.3	5.7	6.8	18.0	35.0
FLIHP 1265-4R7M-E	4.7	9.3	11.2	13.5	30.0
FLIHP 1265-5R6M-E	5.6	11.8	12.8	12.0	26.5
FLIHP 1265-6R8M-E	6.8	13.1	14.0	11.5	16.5
FLIHP 1265-8R2M-E	8.2	14.5	15.5	10.5	16.0
FLIHP 1265-100M-E	10	15.8	16.8	10.0	15.5
FLIHP 1265-150M-E	15	25.0	29.0	6.0	9.0
FLIHP 1265-220M-E	22	34.0	39.5	5.0	7.5
FLIHP 1265-330M-E	33	55.0	65.0	4.0	6.0
FLIHP 1265-470M-E	47	80.0	92.0	3.0	5.0

### Notes: Test Freq. :100KHz / 1V

- ⊙ All test Data is referenced to 25°C ambient
- ⊙ Typical Heat Rating DC Current would cause an approximately  $\Delta T$  of 40°C
- ⊙ Typical Saturation DC Current would cause  $L_o$  to drop approximately 30%
- $\Delta$  Operating Temperature Range: -55°C to +125°C