

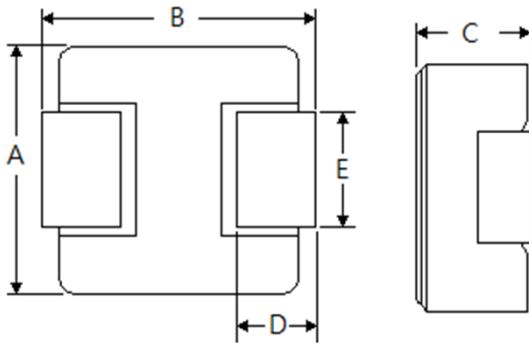
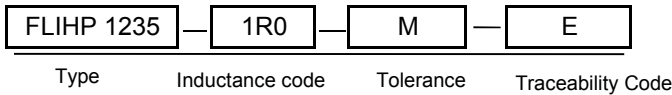
■ Features:

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

■ Parts code:



Dimensions in mm

FLIHP 1235				
A	B	C	D	E
13.3 Max	14.5 Max	3.8 Max	2.5	3.8

■ 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 1235-R10M-E	0.10	0.80	0.96	43.0	84.0
FLIHP 1235-R15M-E	0.15	1.00	1.20	41.0	75.0
FLIHP 1235-R22M-E	0.22	1.10	1.30	38.5	65.0
FLIHP 1235-R33M-E	0.33	1.30	1.50	36.5	62.0
FLIHP 1235-R47M-E	0.47	1.60	2.00	32.0	55.0
FLIHP 1235-R60M-E	0.60	1.80	2.20	29.0	51.0
FLIHP 1235-R68M-E	0.68	2.30	2.50	28.0	49.0
FLIHP 1235-R82M-E	0.82	2.60	3.00	25.0	44.0
FLIHP 1235-1R0M-E	1.0	3.30	3.50	24.0	40.0
FLIHP 1235-1R5M-E	1.5	5.1	5.5	19.0	35.0
FLIHP 1235-1R8M-E	1.8	6.5	7.0	16.5	30.0
FLIHP 1235-2R2M-E	2.2	7.2	8.0	16.0	29.0
FLIHP 1235-3R3M-E	3.3	11.0	12.0	12.0	27.0
FLIHP 1235-4R7M-E	4.7	14.3	15.0	10.0	24.0
FLIHP 1235-5R6M-E	5.6	17.1	18.0	9.5	19.0
FLIHP 1235-6R8M-E	6.8	19.8	22.0	9.0	18.0
FLIHP 1235-8R2M-E	8.2	24.8	28.0	8.5	16.0
FLIHP 1235-100M-E	10	30.4	34.0	7.0	14.0

■ 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