



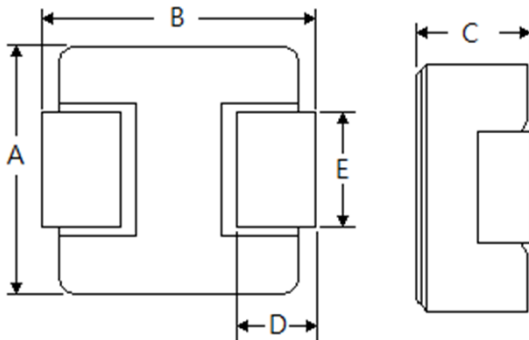
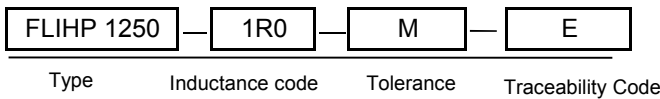
■ Features:

- 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 1250				
A	B	C	D	E
13.3 Max	14.5 Max	5.0 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 1250-R10M-E	0.10	0.53	0.60	55.0	118.0
FLIHP 1250-R22M-E	0.22	0.64	0.80	51.0	110.0
FLIHP 1250-R33M-E	0.33	0.85	1.10	42.0	80.0
FLIHP 1250-R47M-E	0.47	1.10	1.30	38.0	65.0
FLIHP 1250-R56M-E	0.56	1.30	1.50	36.0	55.0
FLIHP 1250-R68M-E	0.68	1.50	1.70	34.0	54.0
FLIHP 1250-R82M-E	0.82	2.00	2.30	31.0	53.0
FLIHP 1250-1R0M-E	1.0	2.10	2.50	29.0	50.0
FLIHP 1250-1R2M-E	1.2	2.80	3.50	25.0	49.0
FLIHP 1250-1R5M-E	1.5	3.4	4.1	23.0	48.0
FLIHP 1250-1R8M-E	1.8	4.2	4.9	19.0	40.0
FLIHP 1250-2R2M-E	2.2	4.6	5.5	20.0	32.0
FLIHP 1250-3R3M-E	3.3	7.7	9.2	15.0	32.0
FLIHP 1250-4R7M-E	4.7	12.8	15.0	12.0	27.0
FLIHP 1250-5R6M-E	5.6	14.0	16.5	11.5	22.0
FLIHP 1250-6R8M-E	6.8	15.4	18.5	11.0	21.0
FLIHP 1250-7R8M-E	7.8	17.2	20.5	10.0	18.0
FLIHP 1250-8R2M-E	8.2	18.9	22.5	9.5	18.0
FLIHP 1250-100M-E	10.0	21.4	25.5	9.0	16.0

■ 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