

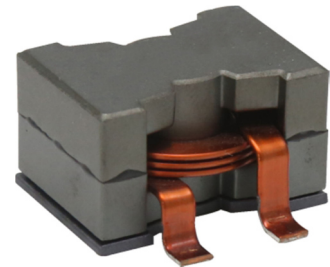
EEB26C

HIGH CURRENT POWER INDUCTOR

大电流功率电感

Features

- Susing flat wire, and SMD type.
采用扁平线，贴片类型
- Low radiation noise by magnetically shielded construction
闭合磁路封装，低辐射
- High current, Low resistance.
大电流，低电阻
- Operating temperature : -40°C~+125°C.
工作温度: -40°C~+125°C



Applications

- high efficiency DC/DC converters. 高效 DC/DC 转换器
- Single and polyphase buck converters. 单相、多相降压转换器
- Filter for audio applications. 音频滤波应用
- Optimized for high current boost applications. 大电流升压应用优化

Electrical characteristics

| Part number 料号 | Inductance 电感量 μH | DC resistance 直流电阻 mΩ max. (typ.) | DC saturation current 直流饱和电流 A max.(typ.) | | | Temperature rise current 温升电流 A max. | |
|-------------------|-------------------------|---|---|-------------|-------------|--|-----------|
| | | | ΔL ≦ 10% | ΔL ≦ 20% | ΔL ≦ 30% | ΔT ≦ 20°C | ΔT ≦ 40°C |
| | | | | | | | |
| EEB26C-152 | 1.5 ± 20% | 1.65(1.5) | 100(>100) | >100 (>100) | >100 (>100) | 25 | 35 |
| EEB26C-222 | 2.2 ± 20% | 1.65(1.5) | 82.0(88.0) | 84.0(92.0) | 84.8(94.0) | 25 | 35 |
| EEB26C-332 | 3.3 ± 20% | 1.65(1.5) | 48.0(53.0) | 54.0(57.0) | 57.0(59.5) | 25 | 35 |
| EEB26C-472 | 4.7 ± 20% | 1.65(1.5) | 33.0(37.0) | 36.9(42.5) | 39.0(45.0) | 25 | 35 |
| EEB26C-682 | 6.8 ± 20% | 1.65(1.5) | 22.0(25.0) | 26.0(30.0) | 27.8(32.8) | 25 | 35 |
| EEB26C-103 | 10 ± 10% | 1.65(1.5) | 13.0(15.7) | 16.2(18.3) | 17.6(19.3) | 25 | 35 |
| EEB26C-153 | 15 ± 10% | 1.65(1.5) | 7.5(9.6) | 9.8(11.3) | 11.0(12.4) | 25 | 35 |
| EEB26C-223 | 22 ± 10% | 1.65(1.5) | 4.5(6.0) | 6.0(7.0) | 6.8(7.5) | 25 | 35 |
| EEB26C-333 | 33 ± 10% | 1.65(1.5) | 2.0(3.1) | 2.6(4.0) | 3.3(4.6) | 25 | 35 |

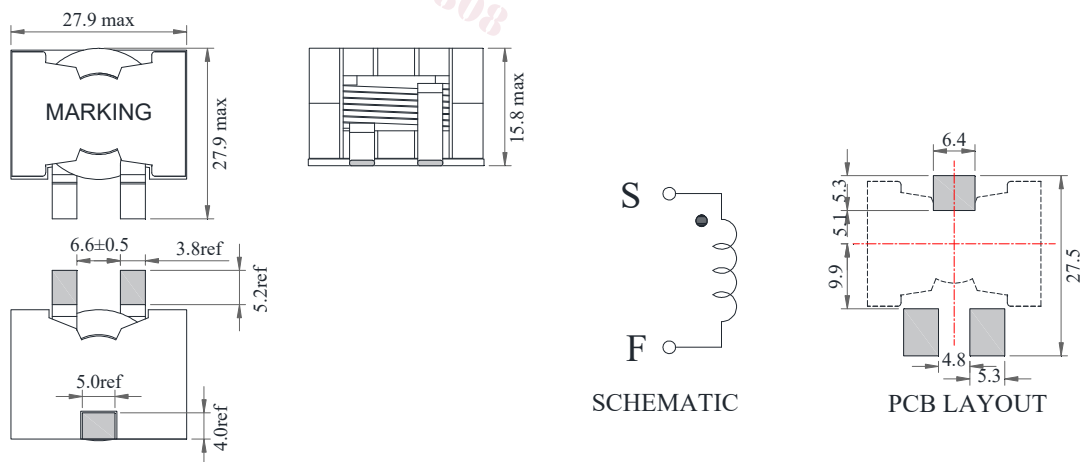
Remark

- Inductance is measured with a LCR meter 4284A or equivalent.
Test frequency at 100kHz
- DC resistance is measured with 16502 Milliohm Meter , or equivalent.
Reference ambient temperature 25°C

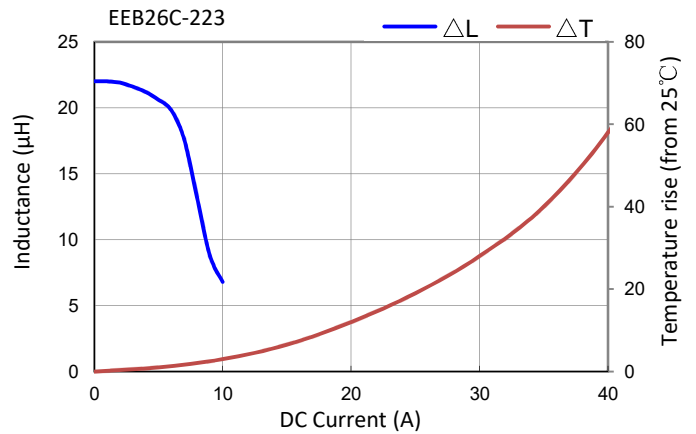
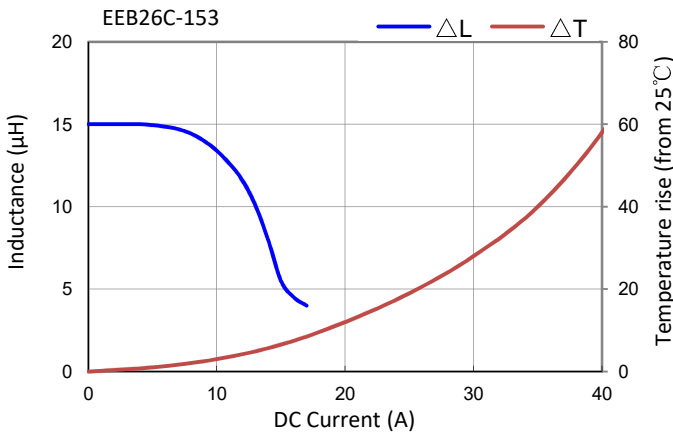
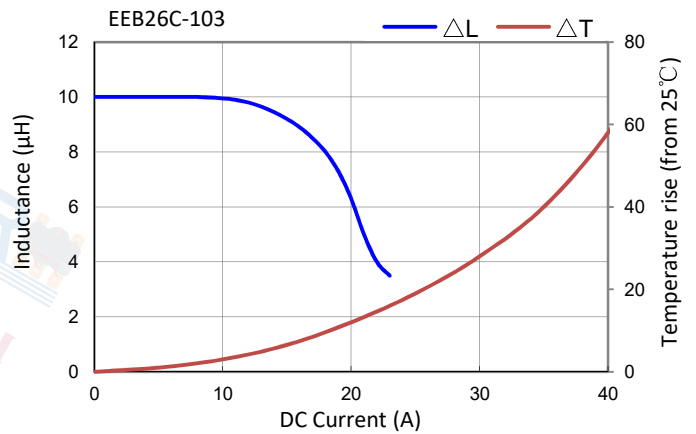
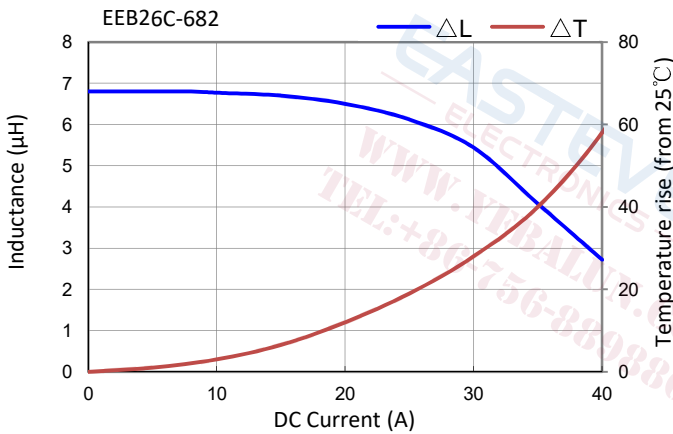
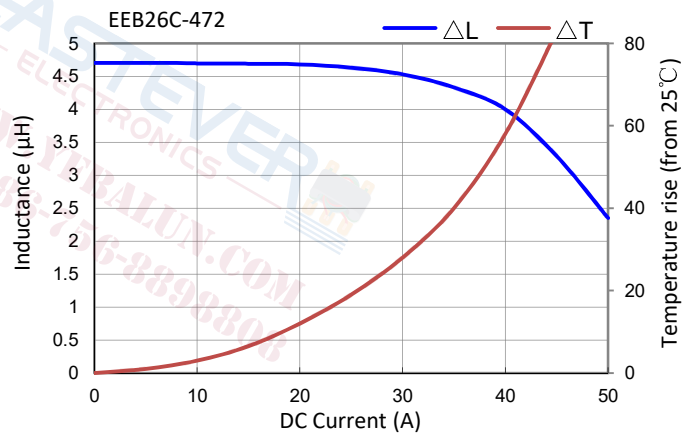
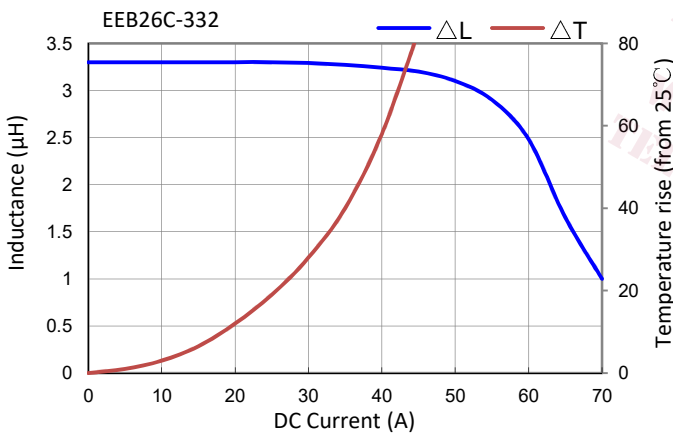
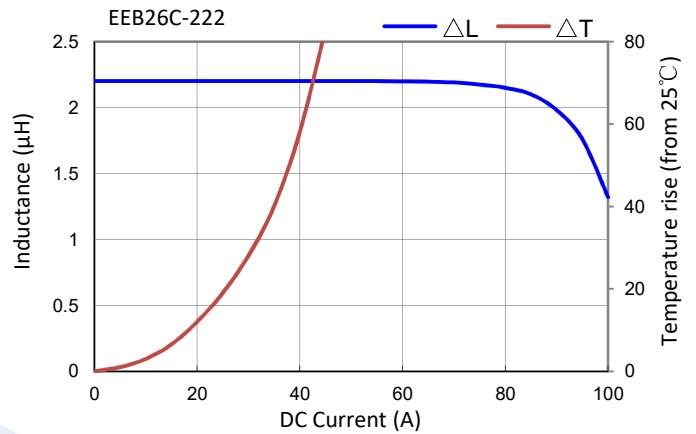
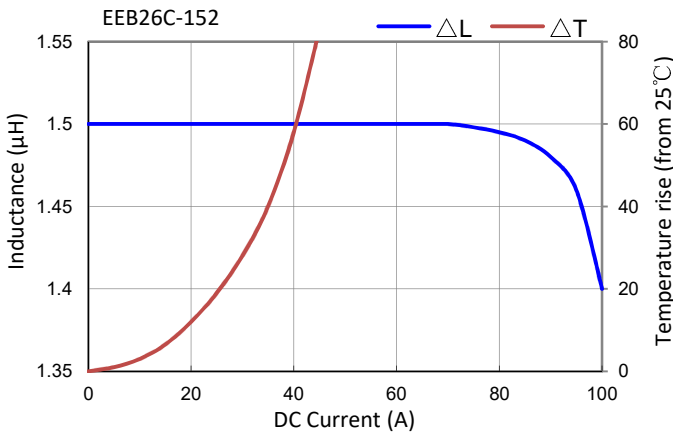
备注

- 电感量测试采用 4284A 数字电桥或同等仪器；
测试频率 100KHz
- 直流电阻测试采用 16502 毫欧表或同等仪器；
环境温度 25°C

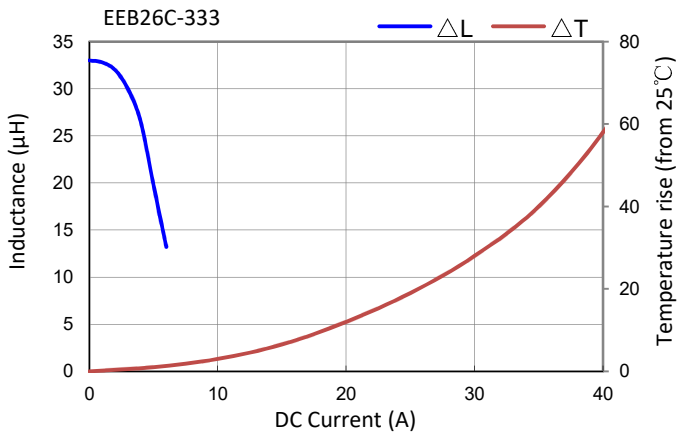
Dimensions



Electrical Characteristic Curve



Electrical Characteristic Curve



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