

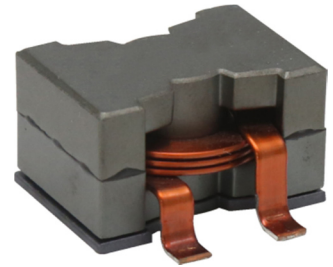
HIGH CURRENT POWER INDUCTOR

大电流功率电感 EEB26C



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℃~+125℃.
工作温度：-40℃~+125℃



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℃	ΔT ≤ 40℃
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

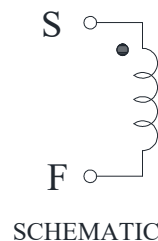
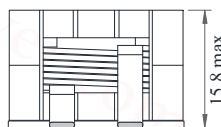
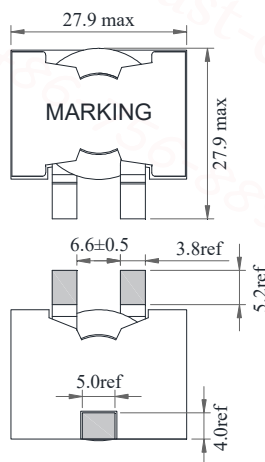
Remark

- 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℃

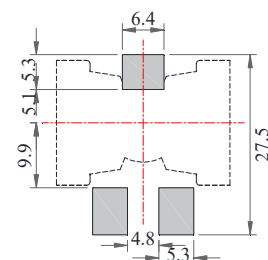
备注

- 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℃

Dimensions



SCHEMATIC



PCB LAYOUT

