芯芒微电子

XINMANG MICROELECTRONICS

POWERHEN

Electronics

产品规格书

PH26B

贴片大电流功率电感

联系我们 / CONTACT

电话：0755-28088656

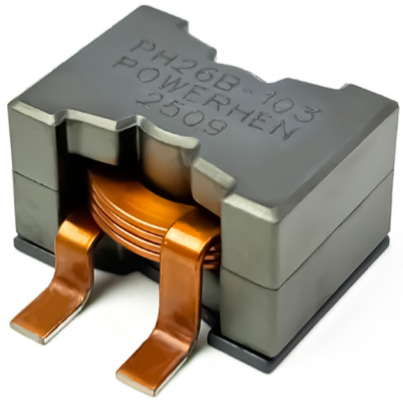
手机 / 微信：13823685284

地址：深圳市龙华新区观澜深粮汽车电子特色工业园A2栋3楼

样品申请 · 替代选型 · 批量报价，欢迎来函来电

■PH26B Series

Features 特点



- 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℃
- Tape and reel packaging: -40°C to +80°C 卷带包装：－40° C 至 +80° C
- Resistance to soldering heat Max three 40 second reflows at +260°C, parts cooled to room temperature between cycles
  耐焊接热 最多三个 40 秒回流 +260° C，部件在循环之间冷却至室温
- Moisture Sensitivity Level (MSL) 1 (unlimited floor life at <30°C / 85% relative humidity)
  湿气敏感度等级 (MSL) 1（在 <30° C 时的无限车间寿命/ 85% 相对湿度）

Applications 应用

- 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 电气特性

Part number	①Inductance μH ±10%	②DCR 直流电阻 mΩ		③SRF MHz 自谐频率	④Isat 饱合电流 A typical			⑤Irms 温升电流 A typical	
		typ	max.	typical	10% drop	20% drop	30% drop	20℃rise	40℃rise
PH26B-222KL	2.2	1.6	1.86	40	100	>100	>100	22	32
PH26B-332KL	3.3	1.6	1.86	30	62.0	66.9	68.4	22	32
PH26B-472KL	4.7	1.6	1.86	25	42.0	48.0	50.1	22	32
PH26B-682KL	6.8	1.6	1.86	20	30.0	34.5	36.2	22	32
PH26B-103KL	10	1.6	1.86	15	18.0	21.5	23.4	22	32
PH26B-153KL	15	1.6	1.86	12	11.5	14.0	15.2	22	32
PH26B-223KL	22	1.6	1.86	10	7.0	8.6	9.6	22	32
PH26B-333KL	33	1.6	1.86	8	4.0	5.1	5.9	22	32

Remark

①Inductance is measured with a LCR meter Agilent 4284A or equivalent. Test frequency at 500kHz

②DC resistance is measured with keithley 580 Milliohm Meter , or equivalent. Reference ambient temperature 25°C

③SRF measured using an Agilent 4395A network analyzer and an Agilent 16193A test fixture.

④DC current at 25°C that causes the specified Inductance drop from its value without current.

⑤Current that causes the specified temperature rise from 25°C ambient. This information is for reference only and does not represent absolute maximum ratings.

⑥Electrical specifications at 25°C

备注

①电感量测试采用 Agilent 4284A 数字电桥或同等仪器；测试频率 500KHz

②直流电阻测试采用 keithley 580 毫欧表或同等仪器；环境温度 25° C

③SRF 使用 Agilent 4395A 网络分析仪和 Agilent 16193A 测试夹具测量。

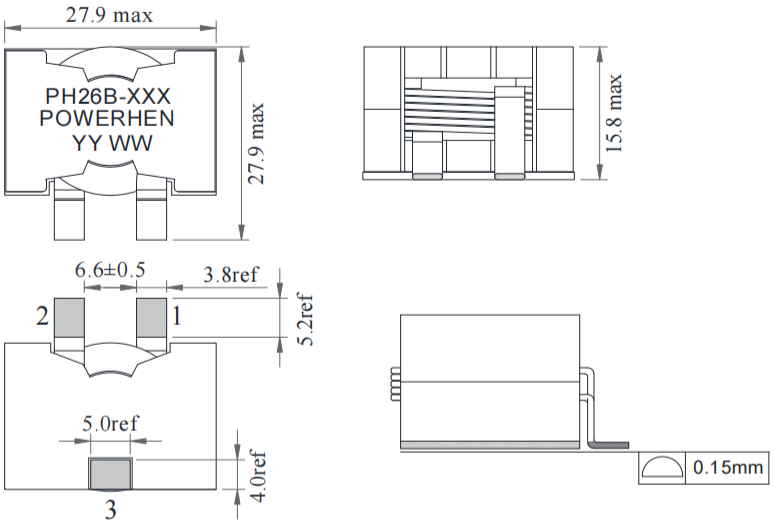
④直流电流在 25° C，加载导致指定电感从没有电流的值下降。

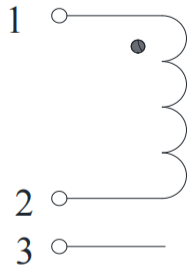
⑤导致指定温度从 25° C 环境温度上升的电流。 此信息仅供参考，不代表绝对最大额定值。

⑥25° C 时的电气规格

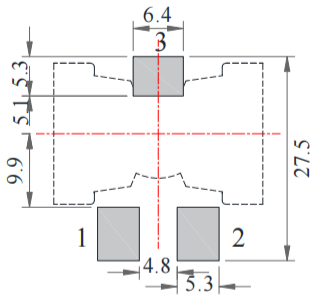
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■Dimensions 结构尺寸





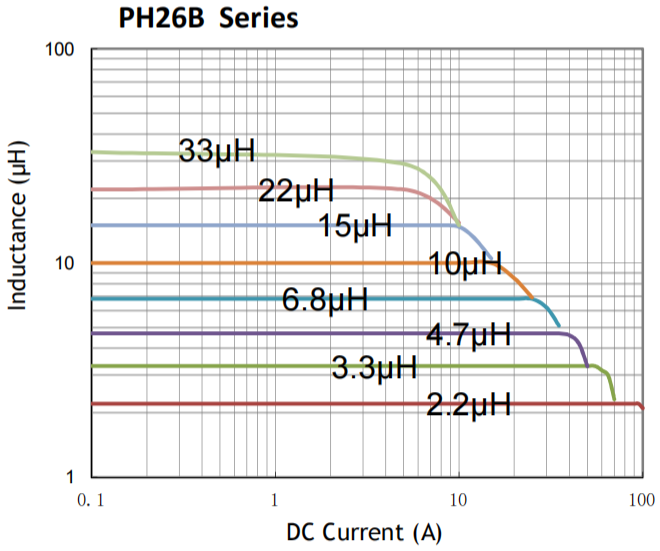
SCHEMATIC



PCB LAYOUT

■PH26B

Electrical Characteristic Curve 电气特性曲线



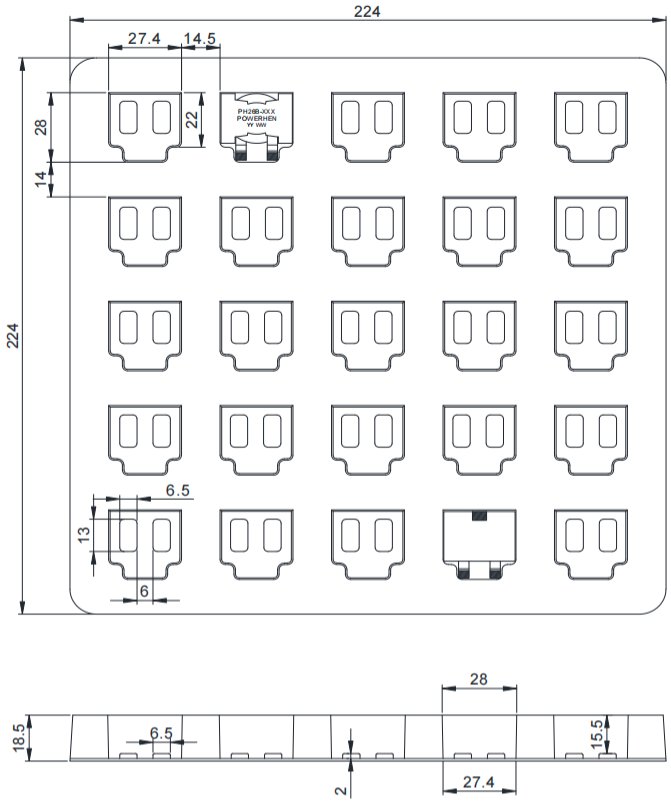
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■Packaging Specification - tray: [mm]

包装规格 - 托盘包装：[mm]



Weight 重量: 31.07g/PCS

Packaging 包装数量: 25 PCS/盘