

■PH26C Series

Features 特点

- Using 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: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$. 工作温度: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- Tape and reel packaging: -40°C to $+80^{\circ}\text{C}$ 卷带包装: -40°C 至 $+80^{\circ}\text{C}$
- Resistance to soldering heat Max three 40 second reflows at $+260^{\circ}\text{C}$, parts cooled to room temperature between cycles
耐焊接热 最多三个 40 秒回流 $+260^{\circ}\text{C}$, 部件在循环之间冷却至室温
- Moisture Sensitivity Level (MSL) 1 (unlimited floor life at $<30^{\circ}\text{C}$ / 85% relative humidity)
湿气敏感度等级 (MSL) 1 (在 $<30^{\circ}\text{C}$ 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	②DCR		③SRF	④Isat			⑤Irms	
	μH	直流电阻		MHz	饱和电流			温升电流	
	$\pm 10\%$	mΩ		直流电阻	A typical			A typical	
		typ	max.	typical	10% drop	20% drop	30% drop	20℃rise	40℃rise
PH26C-152KL	1.5	1.35	1.65	60	100	>100	>100	22	32
PH26C-222KL	2.2	1.35	1.65	50	82.0	84.0	84.8	22	32
PH26C-332KL	3.3	1.35	1.65	40	48.0	54.0	57.0	22	32
PH26C-472KL	4.7	1.35	1.65	30	33.0	36.9	39.0	22	32
PH26C-682KL	6.8	1.35	1.65	25	22.0	26.0	27.8	22	32
PH26C-103KL	10	1.35	1.65	20	13.0	16.2	17.6	22	32
PH26C-153KL	15	1.35	1.65	15	7.5	9.8	11.0	22	32
PH26C-223KL	22	1.35	1.65	10	4.5	6.0	6.8	22	32
PH26C-333KL	33	1.35	1.65	7	2.0	2.6	3.3	22	32

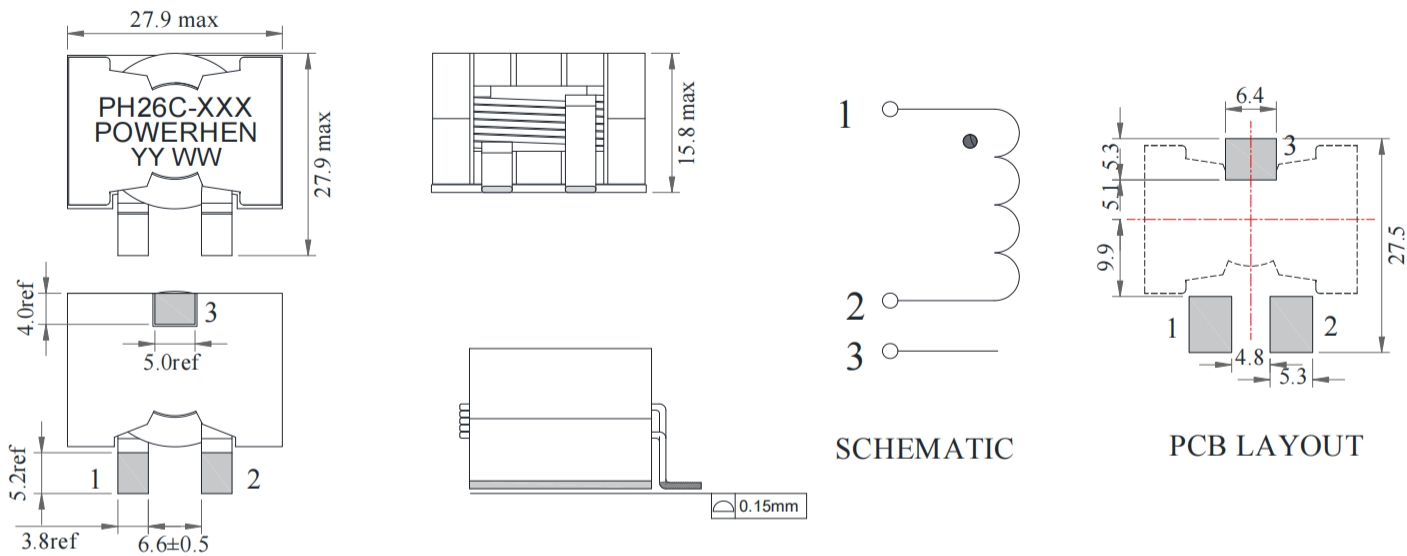
Remark

- ① Inductance is measured with a LCR meter Agilent 4284A or equivalent.
Test frequency at 500kHz
- ② DC resistance is measured with Keithley 580 Milliohm Meter, or equivalent.
Reference ambient temperature 25°C
- ③ SRF measured using an Agilent 4395A network analyzer and an Agilent 16193A test fixture.
- ④ DC current at 25°C that causes the specified Inductance drop from its value without current.
- ⑤ Current that causes the specified temperature rise from 25°C ambient. This information is for reference only and does not represent absolute maximum ratings.
- ⑥ Electrical specifications at 25°C

备注

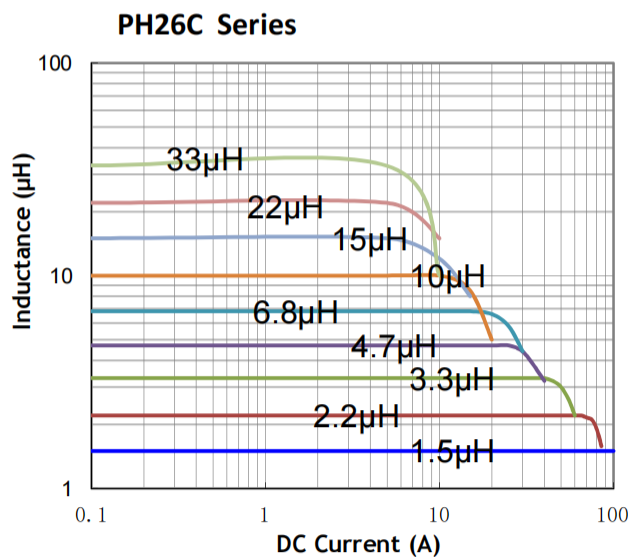
- ① 电感测试采用 Agilent 4284A 数字电桥或同等仪器;
测试频率 500KHz
- ② 直流电阻测试采用 Keithley 580 毫欧表或同等仪器;
环境温度 25°C
- ③ SRF 使用 Agilent 4395A 网络分析仪和 Agilent 16193A 测试夹具测量。
- ④ 直流电流在 25°C , 加载导致指定电感从没有电流的值下降。
- ⑤ 导致指定温度从 25°C 环境温度上升的电流。此信息仅供参考, 不代表绝对最大额定值。
- ⑥ 25°C 时的电气规格

■ Dimensions 结构尺寸



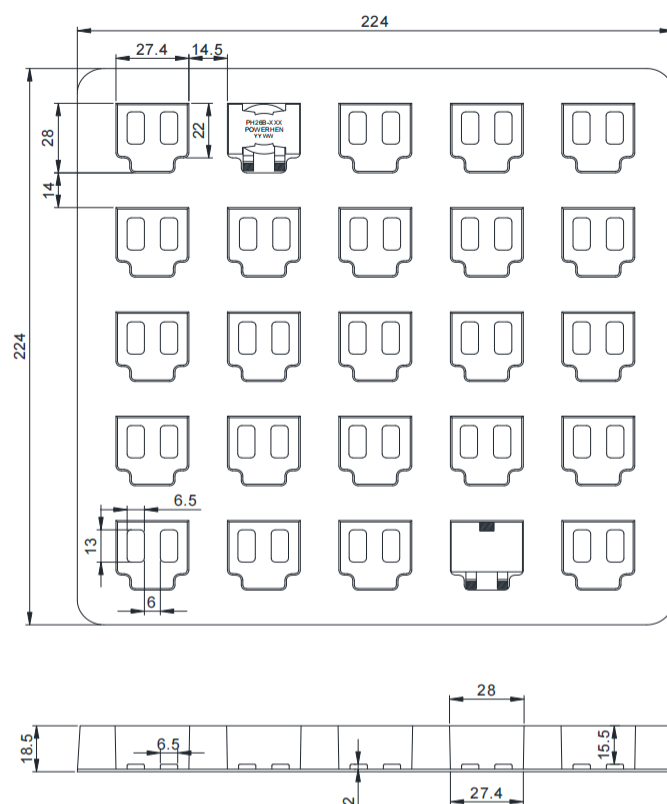
■ PH26C

Electrical Characteristic Curve 电气特性曲线



■ Packaging Specification - tray: [mm]

包装规格 - 托盘包装: [mm]



Weight 重量: 31.56g/PCS
Packaging 包装数量: 25 PCS/盘