

■HPD1521C Series

Features 特点

- Space reduction is realized by 2 in 1 construction.
二合一结构缩小空间
- The optimal design realizes high quality sound and low distortion.
高音质、低失真最佳设计
- Small compact, and DIP type.
小体积，直插类型
- 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 应用

- Suitable as choke for digital amp. Car audio, LCD and PDP TV, 5.1ch Home theater, etc.
适用于数字功放扼流。如汽车音响，LCD 电视和 PDP 电视，5.1 声道家庭影院等

Electrical characteristics 电气特性

Part number 料号	Inductance ① 电感量 μH±20%	DCR ② 直流电阻 mΩ		SRF ③ 自谐频率 MHz			Isat ④ 直流饱和电流 A typical			I _{rms} ⑤ 温升电流 A typical	
		typ	max.	typical	10% drop	20% drop	30% drop	20°C rise	40°C rise		
HPD1521C-100MB	10	8.2	11	14	16.2	17	17.4	7.5	9		
HPD1521C-150MB	15	12	16	13	13.5	13.9	14.2	6.4	8		
HPD1521C-220MB	22	18.3	25	9	10.6	11	11.3	5.2	7		

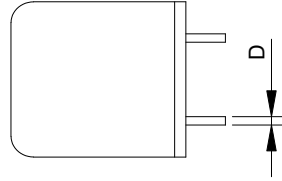
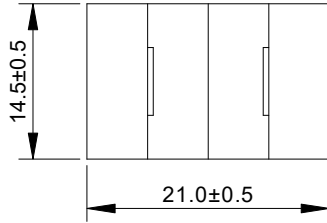
Remark

- ① Inductance is measured with a LCR meter Agilent 4284A or equivalent.
Test frequency at 100kHz
- 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

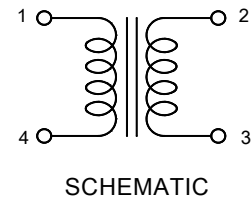
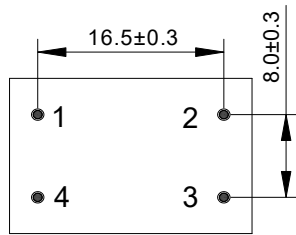
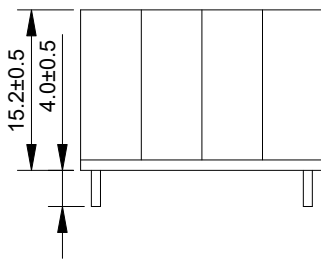
备注

- ① 电感量测试采用 Agilent 4284A 数字电桥或同等仪器；
测试频率 100KHz
- 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

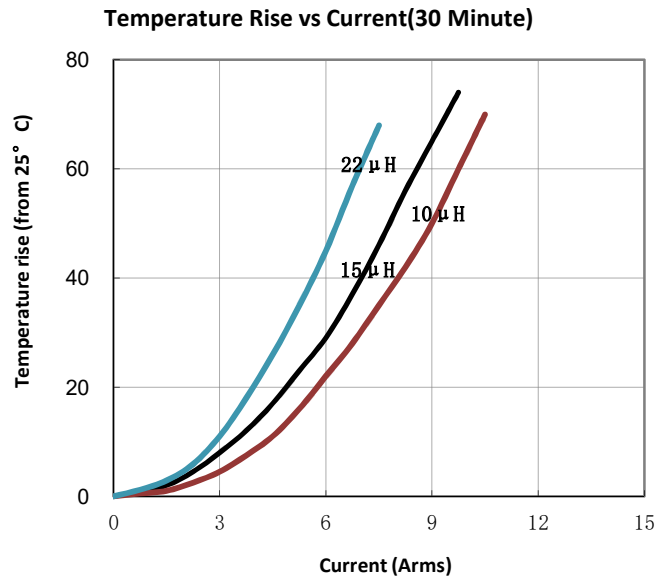
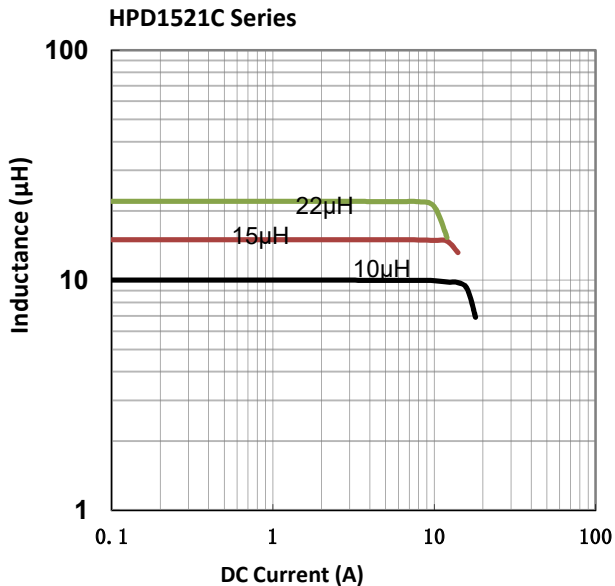
Dimensions 结构尺寸



Inductors	D
10 μ H	0.9
15 μ H	0.8
22 μ H	0.7

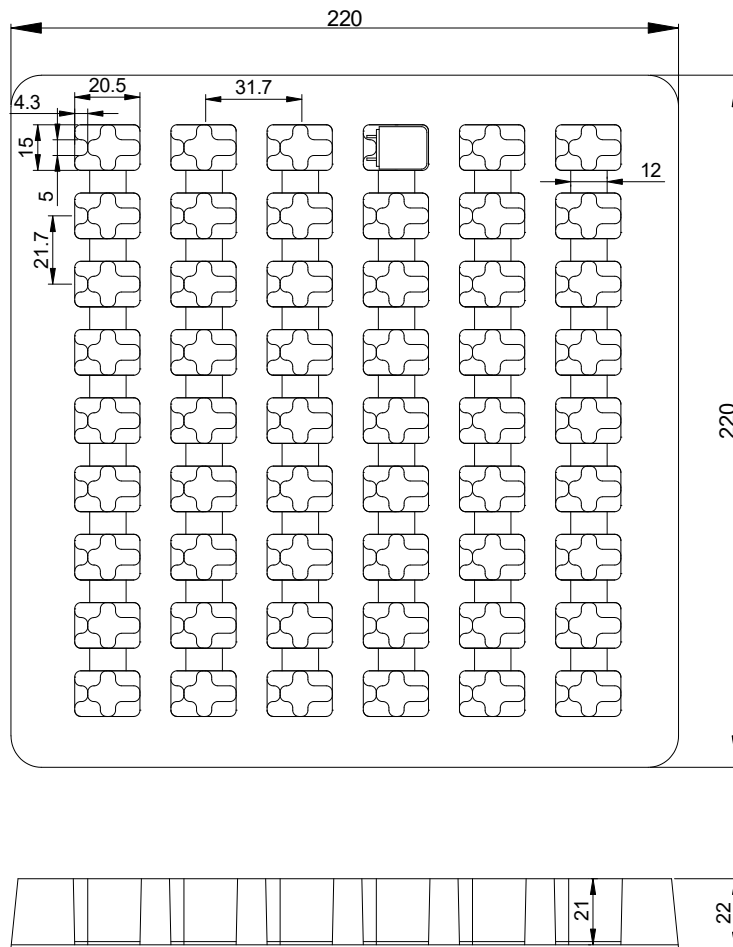


Electrical Characteristic Curve 电气特性曲线



■ Packaging Specification - tray: [mm]

包装规格 - 托盘包装: [mm]



Weight 重量: 17.1~17.42g/PCS
Packaging 包装数量: 54 PCS/盘