

## HPD17A

## POWER INDUCTORS FOR DIGITAL AMPLIFIER 数字功放电感

### Features

- The optimal design realizes high quality sound and low distortion.  
高音质、低失真最佳设计
- Compact size using flat wire, and DIP type.  
扁平线小尺寸封装，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

- 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

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
HPD17A-103	10 ± 10%	10.7(9.2)	16.0(17.0)	23.8(25.0)	27.8(28.6)	6.8	8.5
HPD17A-153	15 ± 10%	10.7(9.2)	12.8(14.0)	17.5(20.0)	20.3(22.0)	6.8	8.5
HPD17A-223	22 ± 10%	10.7(9.2)	9.5(11.0)	13.0(14.0)	15.2(16.0)	6.8	8.5
HPD17A-333	33 ± 10%	10.7(9.2)	5.5(6.5)	6.9(8.0)	8.2(9.0)	6.8	8.5

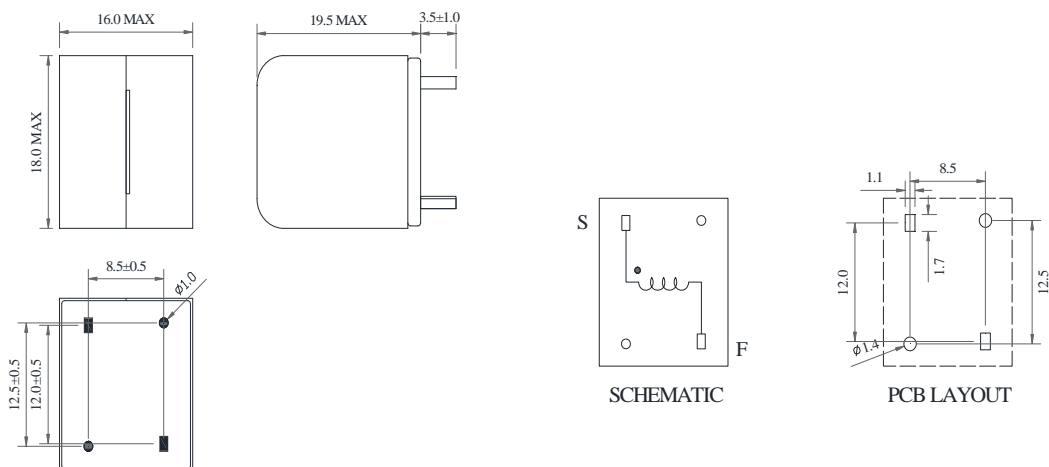
### Remark

- 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



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### Electrical Characteristic Curve

