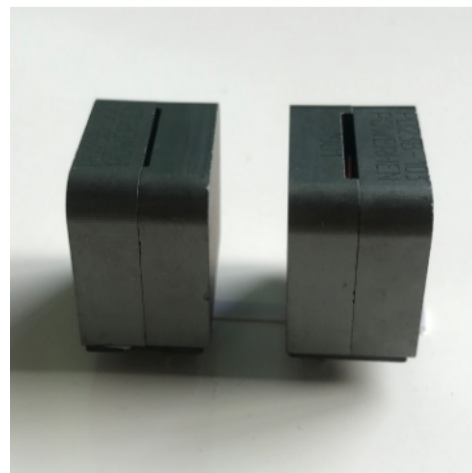


## ■ PD23B Series

### Features 特点

- 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 :  $-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$ .  
工作温度： $-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$



### 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 电感量 $\mu\text{H}\pm 10\%$	DCR 直流电阻 $\text{m}\Omega$		Isat 饱和电流 A typical			Irms 温升电流 A typical	
		typ	max.	10% drop	20% drop	30% drop	20°C rise	40°C rise
PD23B-103KL	10	6.7	8.3	37.4	39.5	40.2	7.5	9.1
PD23B-123KL	12	6.7	8.3	32	34	34.6	7.5	9.1
PD23B-153KL	15	7.3	9.1	28.5	30.2	31.2	8.0	8.7
PD23B-183KL	18	6.7	8.3	21	23.8	26	7.5	9.1
PD23B-223KL	22	7.3	9.1	19	22	23.1	8.0	8.7

#### 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  $25^{\circ}\text{C}$
- ③ DC current at  $25^{\circ}\text{C}$  that causes the specified Inductance drop from its value without current.
- ④ Current that causes the specified temperature rise from  $25^{\circ}\text{C}$  ambient. This information is for reference only and does not represent absolute maximum ratings.
- ⑤ Electrical specifications at  $25^{\circ}\text{C}$

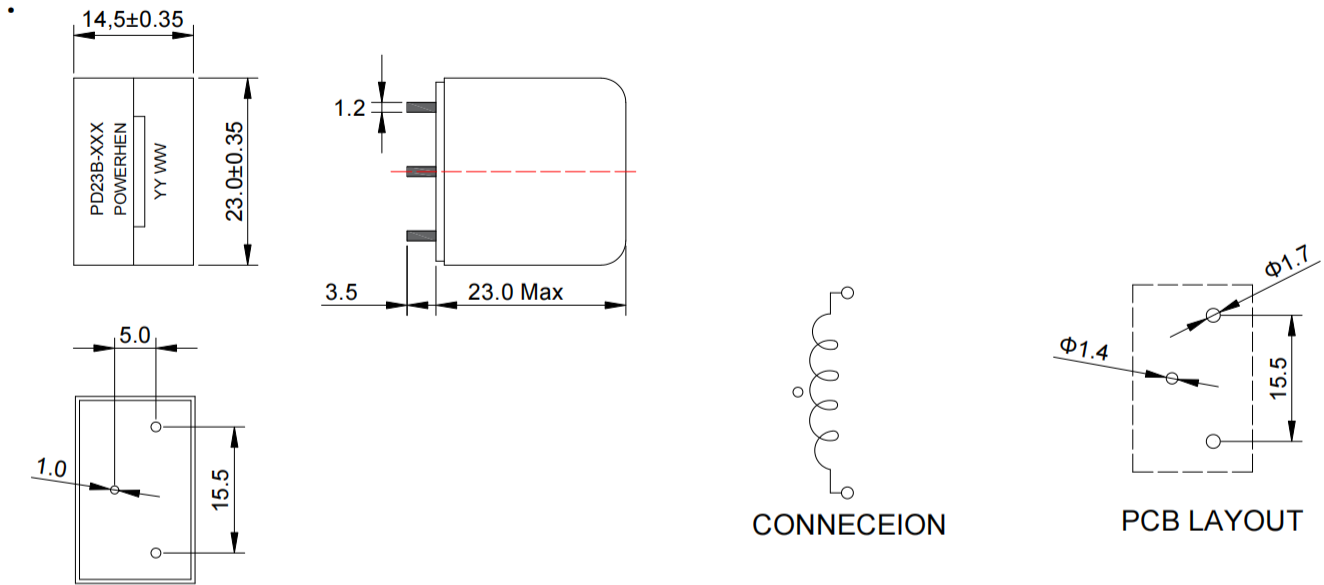
#### 备注

- 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  $25^{\circ}\text{C}$
- ③ 直流电流在  $25^{\circ}\text{C}$ ，加载导致指定电感从没有电流的值下降。
- ④ 导致指定温度从  $25^{\circ}\text{C}$  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。
- ⑤  $25^{\circ}\text{C}$  时的电气规格

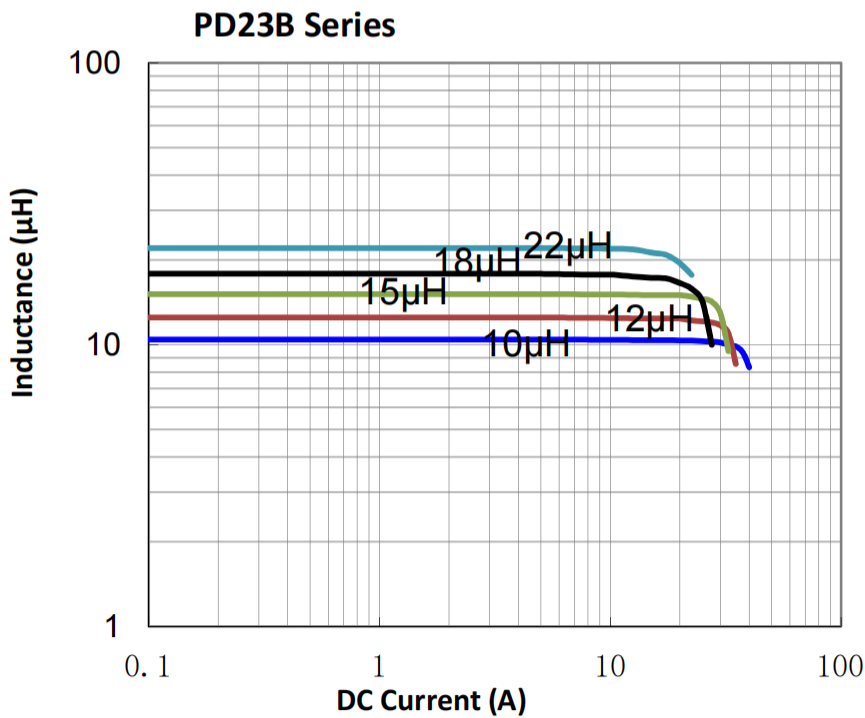
### Shenzhen Powerhen Electronic Co., Ltd

Addr: Floor 3, Building 2, Shenliang Automotive Electronic Industrial Park, Guanlan Town, Shenzhen  
Tel: 0755-23570708 E-Mail: sales@powerhen.com

Dimensions 结构尺寸

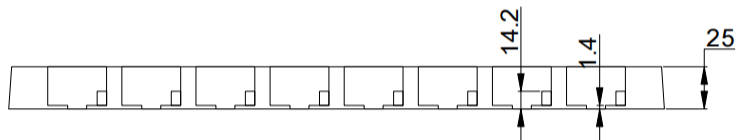
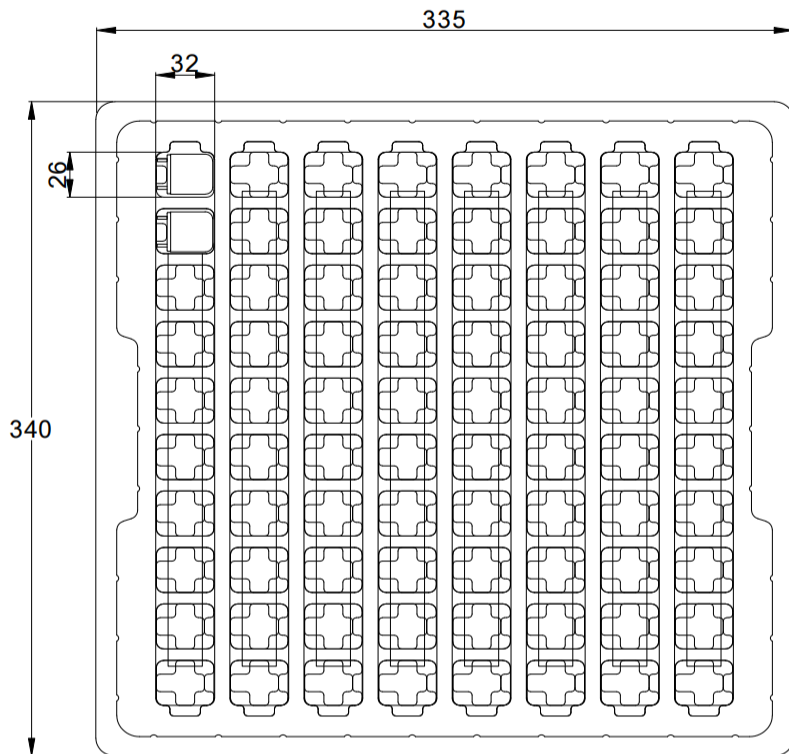


Electrical Characteristic Curve 电气性能曲线



■Packaging Specification - tray: [mm]

包装规格 - 托盘包装: [mm]



Weight 重量: 28.3~29.15g/PCS  
 Packaging 包装数量: 80 PCS/盘