

大功率高压无感碳膜电阻(High Voltage Non-inductive Carbon Film Resistors)PCF/PCFG 5W-500W

大功率,无感耐高压,抗脉冲,交直流或脉冲电路及大功率高频电路中及用作假负载和吸收电阻的理想选择  
High Power,Non-inductive,Resistant to high voltage & pulse.Ideal choice for AC / DC or pulse circuits & high-power high-frequency circuits,as dummy loads and absorption resistors



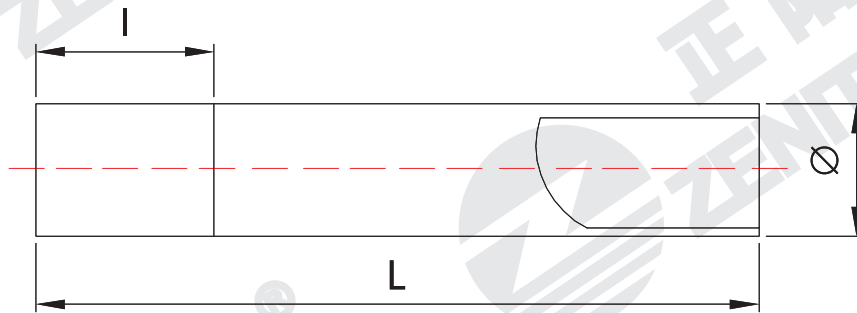
■ 适用范围 (Application)

深圳市正阳兴电子的系列大功率高频/高压碳膜电阻生产周期为2-3周, 应用于交直流或脉冲电路及大功率高频电路中, 用作假负载和吸收电阻。  
Production Time :2-3 weeks .  
Widely used in AC / DC or pulse circuits & high-power high-frequency circuits,as dummy loads and absorption resistors

■ 产品特点 (Features)

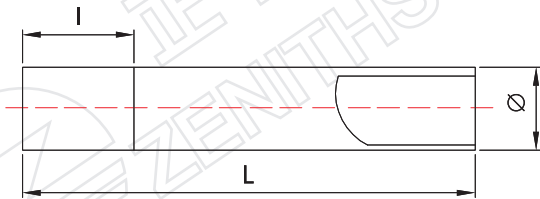
- 1.PCF和PCFG大功率无感高频碳膜电阻其外表面涂有一层特殊的玻璃涂层, 具有体积小和更高的耐热性以及较大的电力容量。不同于传统的绕线型电阻器, PCF和PCFG系列电阻器可提供优越的稳定性在高频率中和瞬间电压脉涌的出色耐用性。  
The outer surface of PCF and PCFG carbon film resistor is coated with a special glass coating,which has small size,resistance to heat and larger power capacity.Different from traditional wound resistors, PCF and PCFG series resistors provide superior stability and excellent durability at high frequencies and transient voltage surges.
- 2.PCFG大功率无感高频碳膜电阻阻值范围宽、功率密度大、过负荷性能好、无感性好、抗潮湿、性能稳定; 可同时满足高电压、大功率、高阻、无感等使用要求。  
PCFG carbon film resistor has wide resistance range, high power density, good overload performance,non- inductance, moisture resistance and stable performance;It can meet the requirements of high voltage, high power,high resistance and non-inductance.
- 3.功率范围:5W-500W。  
Power Range:5W-500W.
- 4.具有无感、耐高压、小体积大功率、寿命长、耐潮湿好、电性能稳定。  
No-inductance,resistance to high voltage ,small size and large power, long service life,good moisture resistance and stable electrical performance.
- 5.引出端采用镀银+卡座或帽盖的形式。  
The lead out end is in the form of silver plating +A Type or B Type.

■ 产品尺寸图表PCF (Dimension Chart)



系列 Series	功率 Power	阻值范围 Resistance Range	精度 Tolerance	尺寸 Dimensions(mm)			净重(g) N.W	安装方式 Mounting	备注 Note			
				Φ	L	l±2						
PCF	5W	4.7Ω-3.3KΩ	M(±20%) K(±10%) J(±5%)	6±1	30±2	6	5.00	径向夹子 Radial clamp	如有特殊要求或者参数超出以上标准可协商供货 Any special requirements or the parameters exceed the above standards, contact us for more details .			
PCF	10W	4.7Ω-3.3KΩ		6±1	50±2	6	8.00					
PCF	25W	4.7Ω-3.3KΩ		12-1+2	50±2	8	13.00					
PCF	50W	4.7Ω-3.3KΩ		12-1+2	100±2	8	26.00					
PCF	100W	2.2Ω-3.3KΩ		20-1+3	100±2	15	42.00					
PCF	200W	3.3Ω-4.7KΩ		20-1+3	200±3	15	85.00					
PCF	250W	15Ω-6.8KΩ		30-1+3	200±3	20	125.00					
PCF	300W	4.7Ω-6.8KΩ		20-1+3	300±3	20	125.00					
PCF	350W	15Ω-6.8KΩ		30-1+3	300±3	20	186.00					
PCF	400W	10Ω-10KΩ		20-1+3	400±3	20	165.00					
PCF	500W	10Ω-10KΩ		30-1+3	400±3	20	247.00					
阻值范围(Resistance Range)				<100R		100R-1K				>1K		
温度范围°C(Temp. Range)				-40 ~ +125	+155	-40 ~ +125	+155			-40 ~ +125	+155	
电阻温度系数PPM (T.C.R)				250	500	150	200			250	500	

■ 产品尺寸图表PCFG (Dimension Chart)



TYPE A:加卡座



TYPE B:帽盖式

系列 Series	功率 Power	阻值范围 Resistance Range	精度 Tolerance	尺寸 Dimensions(mm)				净重(g) N.W	安装方式 Mounting	备注 Note
				TYPE A		TYPE B				
				Φ	L±2	Φ±0.5	L			
PCFG	100W	1Ω-900Ω	M(±20%) K(±10%) J(±5%)	20±1.5	100	22	110-1+1.5	82/95	A型 (卡座) 或 B型 (帽盖式)  A Type or B Type	如有特殊要求或 者参数超出以上 标准可协商供货 Any special requirements or the parameters exceed the above standards, contact us for more details .
PCFG	120W	1Ω-10MΩ		25±2	100	27	100±1	105/140		
PCFG	150W	2.2Ω-900Ω		20±1.5	150	22	160-1+1.5	125/140		
PCFG	180W	2Ω-15MΩ		25±2	150	27	160±1	160/220		
PCFG	200W	3.3Ω-900Ω		20±1.5	200	22	210-1+1.5	165/185		
PCFG	250W	2.2Ω-20MΩ		25±2	200	27	210±1	210/290		
PCFG	300W	3Ω-25MΩ		25±2	250	27	260±1	265/360		
PCFG	375W	3.3Ω-30MΩ		25±2	300	27	310±1	320/430		
PCFG	500W	4.7Ω-50MΩ		25±2	400	27	410±1	420/580		
电阻温度系数PPM(T.C.R)			≤ 150	≤ 250		≤ 500				

■ 定货示例 (How to order)

PCFG	300W	620R	K
↓	↓	↓	↓
系列	功率	标称阻值	精度 (M: ±20%, K±10%, J:±5%)
Series	Power	Nominal value	Tolerance