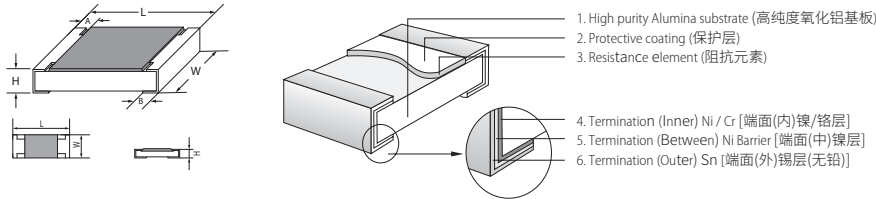


### Feature (特性)

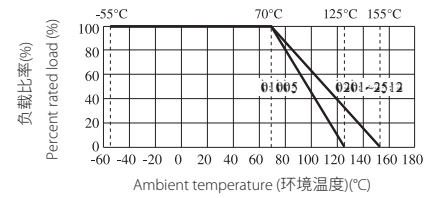
- Total Lead Free in whole resistor body 电阻本体完全不含铅
- Small size and light weight 体积小、重量轻
- Reduction of assembly costs and matching with placement machine 可降低装置成本及配合机器组装
- Suitable for both wave & re-flow soldering 适合波峰焊与回流焊



### Figures (型状)



### Derating Curve (降功率曲线)



Type 类型	PF0A	PF01	PF02	PF03	PF05	PF06	PF07	PF11	PF10	PF12
Size 尺寸	01005 (0402)	0201 (0603)	0402 (1005)	0603 (1608)	0805 (2012)	1206 (3216)	1210 (3225)	1812 (4532)	2010 (5025)	2512 (6432)
Max. Working Voltage 最大工作电压	15V	25V	50V	75V	150V	200V	200V	200V	200V	200V
Max. Overload Voltage 最大过负荷电压	30V	50V	100V	150V	300V	400V	500V	500V	500V	500V
Dielectric Withstanding Voltage 绝缘耐压	-	-	100V	300V	500V	500V	500V	500V	500V	500V
Operating Temperature 工作温度范围	-55°C~+125°C					-55°C~+155°C				

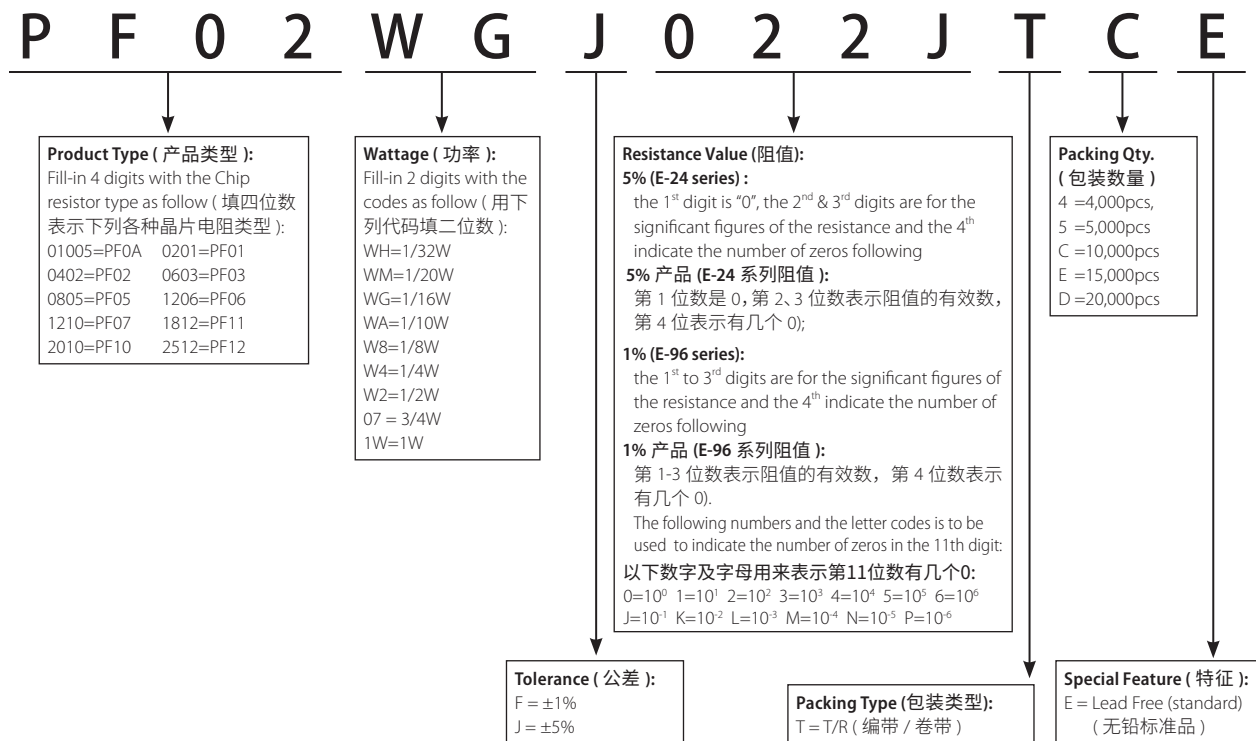
Type 类型	PF0A	PF01	PF02	PF03	PF05	PF06	PF07	PF11	PF10	PF12	
Power Rating 额定功率	1/32W	1/20W	1/16W	1/10W	1/8W	1/4W	1/2W	3/4W	3/4W	1W	
Dimension 尺寸	L(mm)	0.40±0.02	0.60±0.03	1.00±0.10	1.60±0.10	2.00±0.15	3.10±0.15	3.10±0.10	4.50±0.20	5.00±0.10	6.35±0.10
	W(mm)	0.20±0.02	0.30±0.03	0.50±0.05	0.80±0.10	1.25 <sup>+0.15</sup> <sub>-0.10</sub>	1.55 <sup>+0.15</sup> <sub>-0.10</sub>	2.60±0.20	3.20±0.20	2.50±0.20	3.20±0.20
	H(mm)	0.13±0.02	0.23±0.03	0.35±0.05	0.45±0.10	0.55±0.10	0.55±0.10	0.55±0.10	0.55±0.20	0.55±0.10	0.55±0.10
	A(mm)	0.10±0.05	0.10±0.05	0.20±0.10	0.30±0.20	0.40±0.20	0.45±0.20	0.50±0.25	0.50±0.20	0.60±0.25	0.60±0.25
	B(mm)	0.10±0.03	0.15±0.05	0.25±0.10	0.30±0.20	0.40±0.20	0.45±0.20	0.50±0.20	0.50±0.20	0.50±0.20	0.50±0.20
Resistance Value of Jumper 零欧姆电阻阻值	<50mΩ										
Rated Current of Jumper 零欧姆电阻额定电流	0.5A	0.5A	1A	1A	2A	2A	2A	2A	2A	2A	
Max. Overload Current of Jumper 零欧姆电阻最大过负荷电流	1A	1A	2A	2A	5A	10A	10A	10A	10A	10A	
Resistance Range of 1% (E-96) 1% 的阻值范围 (E-96)	10Ω~10MΩ					1Ω~10MΩ					
Resistance Range of 5% (E-24) 5% 的阻值范围 (E-24)	1Ω~10MΩ										

### Performance Specifications (性能)

Temperature coefficient	温度系数	<p>PF0A: 1Ω≤R≤10Ω: -200~600ppm/°C 10Ω&lt;R≤100Ω: ±300ppm/°C &gt;100Ω: ±200ppm/°C</p> <p>PF01: 1Ω≤R≤10Ω: -100~350ppm/°C &gt;10Ω: ±200ppm/°C</p> <p>PF02, PF03, PF05, PF06, PF07, PF10, PF11, PF12: 1Ω≤R≤10Ω: ±400ppm/°C 10Ω&lt;R≤100Ω: ±200ppm/°C &gt;100Ω: ±100ppm/°C</p>
Short-time overload	短时间过负荷	<p>±5%, ±2%: ±(2.0% + 0.1Ω) ±1%, ±0.5%: ±(1.0% + 0.1Ω) PF0A: ±(2.0% + 0.1Ω)</p>
Insulation resistance	绝缘电阻	≥ 1,000 MΩ
Dielectric withstanding voltage	绝缘耐压	No evidence of flashover, mechanical damage, arcing or insulation breakdown 无击穿, 飞弧及可见机械性损伤
Terminal bending	端子弯曲	±(1.0% + 0.05Ω)
Soldering heat	耐焊接热	±(1.0% + 0.05Ω)
Solderability	可焊性	Coverage must be over 95%.
Rapid change of temperature	温度快速变化	<p>±5%, ±2%: ±(1.0% + 0.05Ω) ±1%, ±0.5%: ±(0.5% + 0.05Ω) PF0A: ±(1.0% + 0.05Ω)</p>
Humidity (Steady State)	恒定湿热	<p>±5%, ±2%: ±(3.0% + 0.1Ω) ±1%, ±0.5%: ±(0.5% + 0.1Ω) PF0A: ±(3.0% + 0.1Ω)</p>
Load life in humidity	湿度寿命	<p>±5%, ±2%: ±(3.0% + 0.1Ω) ±1%, ±0.5%: ±(1% + 0.1Ω) PF0A: ±(3.0% + 0.1Ω)</p>
Load life	负载寿命	<p>±5%, ±2%: ±(3.0% + 0.1Ω) ±1%, ±0.5%: ±(1% + 0.1Ω) PF0A: ±(3.0% + 0.1Ω)</p>

### Ordering Procedure (Example: PF02 1/16W 5% 2.2Ω T/R-10000)

订购方式 (例如: PF02 1/16W 5% 2.2Ω T/R-10000)



Remark: For more details, please check page 152, Part No. System. 注: 更多细节详见 P152 标准料号系统。