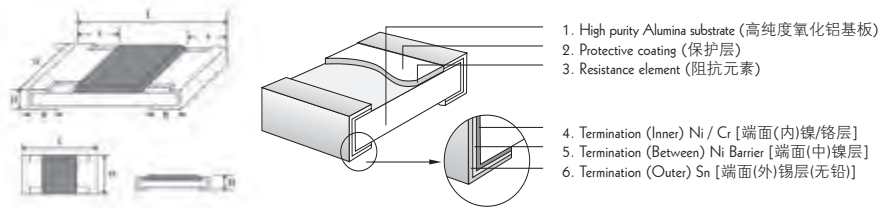


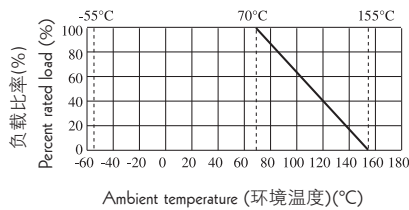
Feature (特性)

- Low Resistance High power
低阻值，高功率
- Suitable for reflow & wave soldering
适合波峰焊与回流焊
- Application AV adapters, LCD back-light camera strobe etc. 适用于AV适配器, LCD背光电路, 照相机快门等

Figures (型状)



Derating Curve & Specification (降功率曲线及性能)



Type 类型	Max. Working Voltage 最大工作电压	Max. Overload Voltage 最大过负荷电压	Dielectric Withstanding Voltage 绝缘耐压	Operating Temperature 工作温度范围
HP03	50V	100V	300V	-55 ~ +155°C
HP05	150V	300V	500V	
HP06	200V	400V	500V	
HP07	200V	500V	500V	
HP10	200V	500V	500V	
HP11	200V	500V	500V	
HP12	250V	500V	500V	

Type 类型	Power 功率 (70°C)	L (mm)	W (mm)	H (mm)	A (mm)	B (mm)	Resistance Range 阻值范围 1% & 5%
HP03	1/5W	1.60±0.10	0.80±0.10	0.45±0.10	0.30±0.20	0.30±0.20	0.1Ω~1Ω
HP05	1/3W	2.00±0.15	1.25 ^{+0.15} _{-0.10}	0.55±0.10	0.40±0.20	0.40±0.20	0.1Ω~1Ω
HP06	1/2W	3.10±0.15	1.55 ^{+0.15} _{-0.10}	0.55±0.10	0.45±0.20	0.45±0.20	50mΩ~1Ω
HP07	3/4W	3.10±0.10	2.60±0.20	0.55±0.10	0.50±0.25	0.50±0.20	0.1Ω~1Ω
HP10	1W	5.00±0.10	2.50±0.20	0.55±0.10	0.60±0.25	0.50±0.20	50mΩ~1Ω
HP11	1.25W	4.50±0.20	3.20±0.20	0.55±0.20	0.50±0.20	0.50±0.20	0.1Ω~1Ω
HP12	2W	6.35±0.10	3.20±0.20	0.55±0.10	0.60±0.25	1.80±0.25	50mΩ~1Ω

Performance Specification (性能)

Parameter	中文描述	Specification
Temperature coefficient	温度系数	HP03: 0.1Ω~0.2Ω: ≤±200ppm/°C 0.2Ω~1Ω: ≤±100 ppm/°C HP05, HP07, HP10, HP11: ≤±100 ppm/°C HP06: 50mΩ~0.1Ω: ≤±150 ppm/°C 0.1Ω~1Ω: ≤±100 ppm/°C HP12: ≤±75 ppm/°C
Short time overload	短时间过负荷	1%: ±(1.0%+0.1Ω) Max (最大) 5%: ±(2.0%+0.1Ω) Max (最大)
Terminal bending	端子弯曲	±(1.0%+0.05Ω)
Solderability	可焊性	≥95% coverage (最少 95% 覆盖率)
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
Soldering heat	耐焊接热	±(1.0%+0.05Ω) Max (最大)
Temperature cycling	温度循环	1%: ±(0.5%+0.05Ω) Max (最大) 5%: ±(1.0%+0.05Ω) Max (最大)
Load Life in humidity	湿度寿命	1%: ±(1.0%+0.1Ω) Max (最大) 5%: ±(3.0%+0.1Ω) Max (最大)
Load life	负载寿命	1%: ±(1.0%+0.1Ω) Max (最大) 5%: ±(3.0%+0.1Ω) Max (最大)
Humidity (Steady State)	恒定湿热	1%: ±(0.5%+0.1Ω) Max (最大) 5%: ±(3.0%+0.1Ω) Max (最大)

• HP10, HP12 T.C.R ±75ppm/°C could be provided specially (*HP10, HP12 T.C.R ±75ppm/°C 可特别提供)