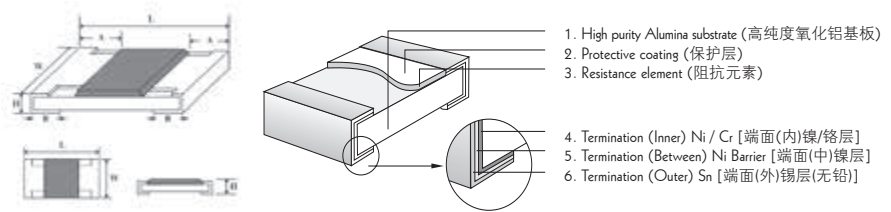


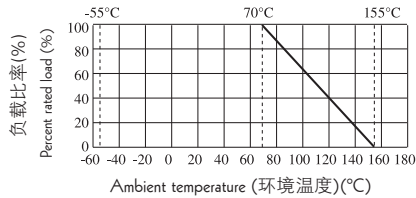
Feature (特性)

- Superior to Thick Film Chip Resistors in Max. Working Voltage 在最大工作电压上优于普通厚膜晶片电阻
- Suitable for both wave & re-flow soldering 适合波峰焊及回流焊
- Application: AV adapter, LCD Backlight, Flash Light of camera 适用于AV适配器、LCD背光电路、照相机的闪光灯等

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
HV03	200V	400V	300V	-55°C~155°C
HV05	400V	800V	500V	-55°C~155°C
HV06	500V	1000V	500V	-55°C~155°C
HV07	800V	1500V	500V	-55°C~155°C
HV10	2000V	3000V	500V	-55°C~155°C
HV12	3000V	4000V	500V	-55°C~155°C

Type 类型	Power Rating 功率 at 70°C	L(mm)	W(mm)	H(mm)	A(mm)	B(mm)	Resistance Range 阻值范围 1% & 5%
HV03	1/16W, 1/10W-S	1.60±0.10	0.80±0.10	0.45±0.10	0.30±0.20	0.30±0.20	36KΩ~10MΩ
HV05	1/10W, 1/8W-S	2.00±0.15	1.25 ^{+0.15} _{-0.10}	0.55±0.10	0.40±0.20	0.40±0.20	100KΩ~10MΩ
HV06	1/8W, 1/4W-S	3.10±0.15	1.55 ^{+0.15} _{-0.10}	0.55±0.10	0.45±0.20	0.45±0.20	100KΩ~10MΩ
HV07	1/3W-S, 1/2W-SS	3.10±0.10	2.60±0.20	0.55±0.10	0.50±0.25	0.50±0.20	50KΩ~10MΩ
HV10	1/2W, 3/4W-S	5.00±0.10	2.50±0.20	0.55±0.10	0.60±0.25	0.50±0.20	50KΩ~10MΩ
HV12	1W	6.35±0.10	3.20±0.20	0.55±0.10	0.60±0.25	0.50±0.20	39KΩ~10MΩ

The non-standard value can be offered on a case to case basis. 特殊规格可特别提供

Performance Specification (性能)

Temperature coefficient	温度系数	≤ ±100PPM/°C
Short-time overload	短时间过负荷	±(2.0%+0.1Ω) Max.(最大)
Terminal bending	端子弯曲	±(1.0%+0.05Ω) Max.(最大)
Solderability	可焊性	Min. 95% Coverage (最少 95% 覆盖率)
Temperature Cycling	温度循环	5% : ±(1.0%+0.05Ω) Max.(最大) 1% : ±(0.5%+0.05Ω) Max.(最大)
Humidity (Steady State)	恒定湿热	±(3.0%+0.1Ω) Max.(最大)
Load life in humidity	湿度寿命	±(3.0%+0.1Ω) Max.(最大)
Load life	负载寿命	±(3.0%+0.1Ω) Max.(最大)
Insulation resistance	绝缘电阻	≥ 1,000MΩ
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)

Ordering Procedure (Example: High Voltage HV06 1/4WS 5% 120KΩ T/R-5000)

订购方式 (例如: 高压 HV06 1/4W-S 5% 120KΩ T/R-5000)

