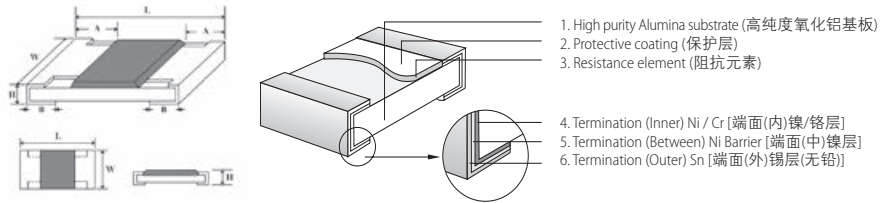


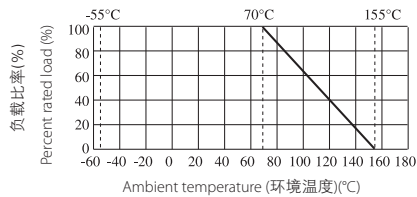
Feature (特性)

- Superiority in Max. Working Voltage performance than general thick film Chip Resistors. 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	Size 尺寸	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	0603 (1608)	1/10W	1.60±0.10	0.80±0.10	0.45±0.10	0.30±0.20	0.30± 0.20	36KΩ~10MΩ
HV05	0805 (2012)	1/8W	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	1206 (3216)	1/4W	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	1210 (3225)	1/2W	3.10±0.10	2.60±0.20	0.55±0.10	0.50±0.25	0.50±0.20	50KΩ~10MΩ
HV10	2010 (5025)	3/4W	5.00±0.10	2.50±0.20	0.55±0.10	0.60±0.25	0.50±0.20	50KΩ~10MΩ
HV12	2512 (6432)	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 1/4W 5% 120KΩ T/R-5000)

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

