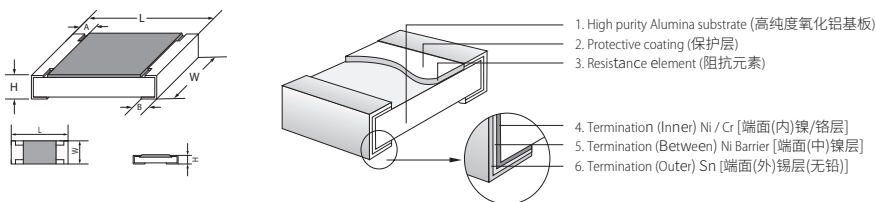


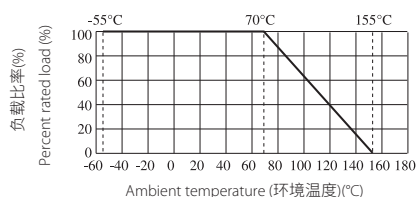
Feature (特性)

- 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
- AEC-Q200 qualified 符合AEC-Q200相关条款

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	
HV06	500V	1000V	500V	
HV07	800V	1500V	500V	
HV10	2000V	3000V	500V	
HV12	3000V	4000V	500V	

Type 类型	Size 尺寸	Power Rating 额定功率	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	47Ω~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	47Ω~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	47Ω~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	47Ω~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	47Ω~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	47Ω~10MΩ

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)
Terminal bending 端子弯曲	±(1.0%+0.05Ω)
Solderability 可焊性	Coverage must be over 95%.
Rapid change of temperature 温度快速变化	5% : ±(1.0%+0.05Ω) 1%: ±(0.5%+0.05Ω)
Humidity (Steady State) 恒定湿热	±(3.0%+0.1Ω)
Load life in humidity 湿度寿命	±(3.0%+0.1Ω)
Load life 负载寿命	±(3.0%+0.1Ω)
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)

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)

