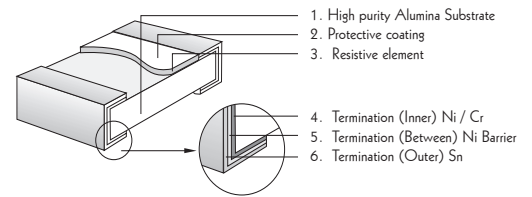
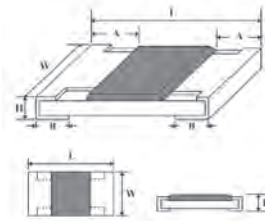


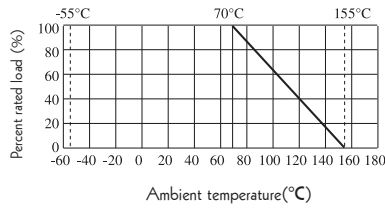
Feature

- Superior to Thick Film Chip Resistors in Max. Working Voltage
- Suitable for both flow & re-flow soldering
- Application: AV adapter, LCD Backlight, Flash Light of camera

Figures



Derating Curve & Specification



Type	Max. Working Voltage	Max. Overload Voltage	Dielectric Withstanding Voltage	Operating Temperature
HV03	200V	400V	300V	-55°C~155°C
HV05	400V	800V	500V	-55°C~155°C
HV06	500V	1000V	500V	-55°C~155°C
HV10	2000V	3000V	500V	-55°C~155°C
HV12	800V	1600V	500V	-55°C~155°C

Type	Power Rating at 70°C	L(mm)	W(mm)	H(mm)	A(mm)	B(mm)	Resistance Range of 1% (E-96)	Resistance Range of 5% (E-24)
HV03	1/16W, 1/10W-S	1.60±0.10	0.80 ^{+0.15} _{-0.10}	0.45±0.10	0.30±0.20	0.30±0.20	100KΩ~10M	100KΩ~10M
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~10M	100KΩ~10M
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~10M	100KΩ~10M
HV10	1/2W	5.00±0.10	2.50 ^{+0.15} _{-0.10}	0.55±0.10	0.60±0.25	0.50±0.20	50KΩ~10M	50KΩ~10M
HV12	1W	6.35±0.10	3.20 ^{+0.15} _{-0.10}	0.55±0.10	0.60±0.25	0.50±0.20	50KΩ~10M	50KΩ~10M

Performance Specifications

Temperature coefficient	±200PPM/°C	Temperature Cycling	5% : ±(1.0%+0.05Ω) Max. 1% : ±(0.5%+0.05Ω) Max.
Short-time overload	±(2.0%+0.1Ω) Max.	Humidity steady State	±(3.0%+0.1Ω) Max.
Terminal bending	±(1.0%+0.05Ω) Max.	Load life in humidity	±(3.0%+0.1Ω) Max.
Solderability	Min. 95% Coverage	Load life	±(3.0%+0.1Ω) Max.

Ordering Procedure (Example: High Voltage 1206 1/4W-S 5% 120KΩ T/R-5000)

