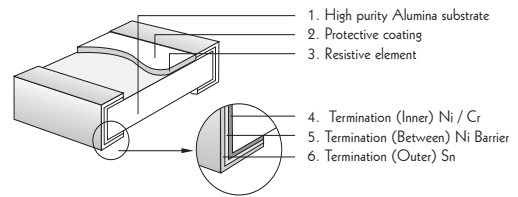
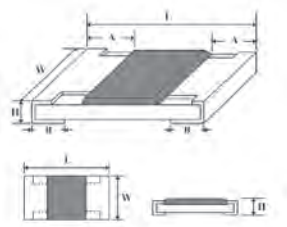


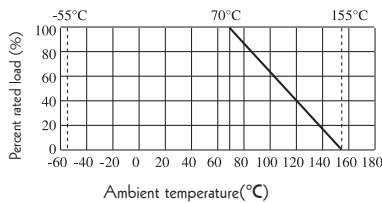
Feature

- High power in standard size
- Suitable for reflow & wave soldering
- Application: AV adapters, LCD back-light, camera strobe etc.

Figures



Derating Curve & Specification



Type	Max. Working Voltage	Max. Overload Voltage	Dielectric Withstanding Voltage	Operating Temperature
HP03	50V	100V	300V	-55°C~155°C
HP05	150V	300V	500V	-55°C~155°C
HP06	200V	400V	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)
HP03	1/5W	1.60±0.10	0.80 <sup>+0.15</sup> <sub>-0.10</sub>	0.45±0.10	0.30±0.20	0.30±0.20	1Ω~10M	1Ω~10M
HP05	1/3W	2.00±0.15	1.25 <sup>+0.15</sup> <sub>-0.10</sub>	0.55±0.10	0.40±0.20	0.40±0.20	1Ω~10M	1Ω~10M
HP06	1/2W	3.10±0.15	1.55 <sup>+0.15</sup> <sub>-0.10</sub>	0.55±0.10	0.45±0.20	0.45±0.20	1Ω~10M	1Ω~10M

Performance Specifications

Temperature coefficient	1Ω~10Ω ≤ ±200PPM/°C 11Ω~10MΩ ≤ ±100PPM/°C	Temperature cycling	±5%: ±(1.0% + 0.05Ω) Max. ±1%: ±(0.5% + 0.05Ω) Max.
Short-time overload	±5%: ±(2.0% + 0.1Ω) Max. ±1%: ±(1.0% + 0.1Ω) Max.	Humidity (Steady state)	±5%: ±(3.0% + 0.1Ω) Max. ±1%: ±(0.5% + 0.1Ω) Max.
Dielectric withstanding voltage	No Evidence of flashover, mechanical damage, arcing or insulation breakdown	Load life in humidity	±5%: ±(3.0% + 0.1Ω) Max. ±1%: ±(1.0% + 0.1Ω) Max.
Terminal bending	±(1.0% + 0.05Ω) Max.	Load life	±5%: ±(3.0% + 0.1Ω) Max. ±1%: ±(1.0% + 0.1Ω) Max.
Soldering heat	±(1.0% + 0.05Ω) Max.		
Solderability	Min. 95% Coverage		

Ordering Procedure (Example: High Power HP06 1/2W 5% 120KΩ T/R-5000)

