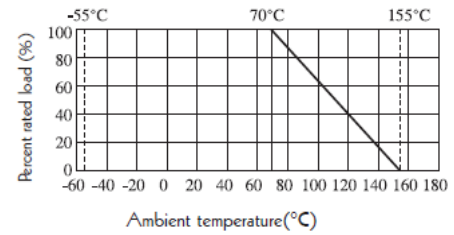




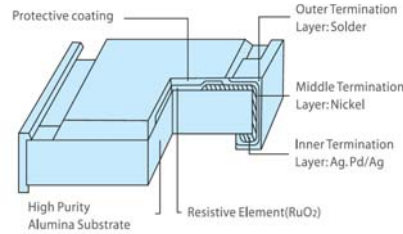
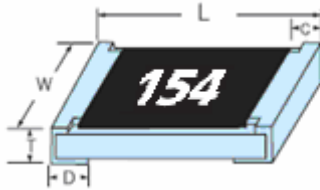
## ● 特性 Feature

- 在最大工作電壓上優於普通厚膜晶片電阻  
Superior to Thick Film Chip Resistors in Max. Working Voltage
- 適用於回流焊和波峰焊 Suitable for reflow & wave soldering
- 高可靠性 Superior reliability

## ● 降功率曲線 Derating Curve



## ● 形狀 & 構造 Figures & Construction



## ● 尺寸 Dimension

Type		HV03 (0603 size)	HV05 (0805 size)	HV06 (1206 size)	HV10 (2010 size)	HV12 (2512 size)
Dimension (mm)	L	1.60 ± 0.10	2.00 ± 0.15	3.10 ± 0.15	5.00 ± 0.10	6.35 ± 0.10
	W	0.80 <sup>+0.15</sup> <sub>-0.10</sub>	1.25 <sup>+0.15</sup> <sub>-0.10</sub>	1.55 <sup>+0.15</sup> <sub>-0.10</sub>	2.50 <sup>+0.15</sup> <sub>-0.10</sub>	3.20 <sup>+0.15</sup> <sub>-0.10</sub>
	T	0.45 ± 0.10	0.55 ± 0.10	0.55 ± 0.10	0.55 ± 0.10	0.55 ± 0.10
	C	0.30 ± 0.20	0.40 ± 0.20	0.45 ± 0.20	0.60 ± 0.25	0.60 ± 0.25
	D	0.30 ± 0.20	0.40 ± 0.20	0.45 ± 0.20	0.50 ± 0.20	0.50 ± 0.20

## ● 性能 Specification

Type	HV03 (0603 size)	HV05 (0805 size)	HV06 (1206 size)	HV10 (2010 size)	HV12 (2512 size)
Power rating (70°C)	1/10W	1/8W	1/4W	1/2W	1W
Max Working Voltage	200V	400V	500V	1500V	2000V
Max Overload Voltage	400V	800V	1000V	3000V	4000V
Dielectric withstanding Voltage	300V	500V	500V	500V	500V
Resistance Range	100KΩ~10MΩ	100KΩ~10MΩ	100KΩ~10MΩ	50KΩ~10MΩ	50KΩ~10MΩ
Tolerance	±1% ±5%				
Operating Temperature	-55°C~+155°C				

## ● 性能和測試要求 Specification And Test Methods

Temperature coefficient	±200PPM/°C
Short-time overload	±(2.0% + 0.1Ω) Max.
Insulation resistance	≥ 1,000 Mega Ohm
Dielectric withstanding voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown
Terminal bending	±(1.0% + 0.05Ω) Max.
Soldering heat	±(1.0% + 0.05Ω) Max.
Solder ability	Min 95% coverage
Temperature cycling	±5%: ±(1.0% + 0.05Ω) Max. ±1%: ±(0.5% + 0.05Ω) Max.
Humidity (Steady State)	±(3.0% + 0.1Ω) Max.
Load life	±(3.0% + 0.1Ω) Max.