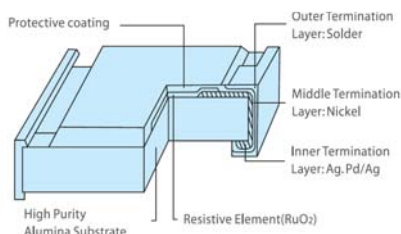
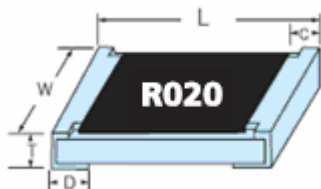


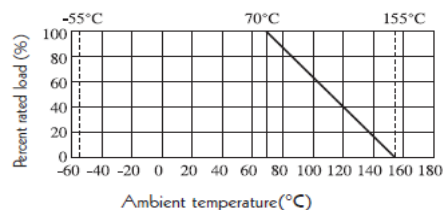
● 特性 Feature

- 超低阻值 Ultra-low Value
- 低溫度係數 Low Temperature Coefficient
- 電感低於 1.0nH Inductance less than 1.0nH

● 形狀 & 構造 Figures & Construction



● 降功率曲線 Derating Curve



● 尺寸 Dimension

Type		CS03 (0603 size)	CS05 (0805 size)	CS06 (1206 size)	CS10 (2010 size)	CS12 (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 ^{+0.15} _{-0.10}	1.25 ^{+0.15} _{-0.10}	1.55 ^{+0.15} _{-0.10}	2.50 ^{+0.15} _{-0.10}	3.20 ^{+0.15} _{-0.10}
	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	0.80 ± 0.30

● 性能 Specification

Type	Power rating (70°C)	Operating Temperature	Dielectric withstanding voltage	Resistance Range 1% & 5%	TCR (ppm/°C)
CS03	1/10W 1/5W	-55~+155°C	300V	20mΩ~1Ω	20mΩ~50mΩ: ≤±500 ppm/°C 51mΩ~0.1Ω: ≤±400 ppm/°C 0.11Ω~0.5Ω: ≤±300 ppm/°C 0.51Ω~1Ω: ≤±200 ppm/°C
CS05	1/8W 1/4W	-55~+155°C	500V	25mΩ~1Ω	25mΩ~0.1Ω: ≤±400 ppm/°C 0.11Ω~0.5Ω: ≤±300 ppm/°C 0.51Ω~1Ω: ≤±200 ppm/°C
CS06	1/4W 1/3W	-55~+155°C	500V	20mΩ~1Ω	20mΩ~50mΩ: ≤±400 ppm/°C 51mΩ~0.5Ω: ≤±300 ppm/°C 0.51Ω~1Ω: ≤±200 ppm/°C
CS10	3/4W	-55~+155°C	500V	20mΩ~1Ω	20mΩ~50Ω: ≤±400 ppm/°C
CS12	1W	-55~+155°C	500V		51mΩ~1Ω: ≤±200 ppm/°C

◎CS06、CS10、CS12 規格 0.1Ω~1Ω 可依客户要求提供 100ppm/°C 产品

● 性能和測試要求 Specification And Test Methods

Short-time overload	1%:±(1.0%+0.005Ω) Max.	5%:±(2.0%+0.005Ω) Max.
Dielectric withstanding voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown	
Terminal bending	±(1.0%+0.005Ω) Max.	
Soldering heat	±(1.0% + 0.005Ω) Max.	
Solder ability	Min 95% coverage	
Temperature cycling	±(1.0%+0.005Ω) Max.	
Humidity (Steady State)	1%:±(1.0%+0.005Ω) Max.	5%±(3.0%+0.005Ω) Max.
Load life	1%:±(1.0%+0.005Ω) Max.	5%±(3.0%+0.005Ω) Max.