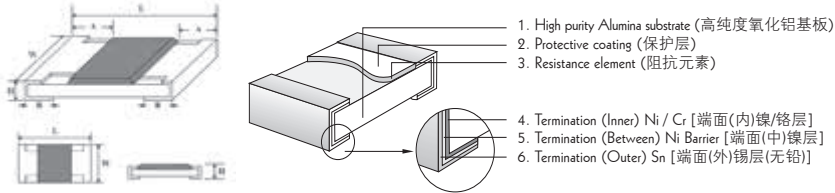


Feature (特性)

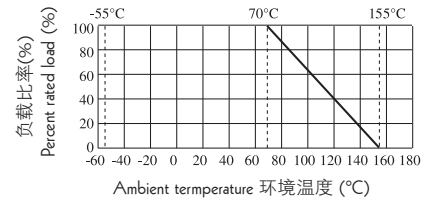
- Anti-Sulfidation 抗硫化
- The relevant provisions of the AEC-Q200 符合 AEC-Q200 相关条款
- Suitable for reflow & wave soldering 适合波峰焊与回流焊
- Application car、IPAD、LED lamps、Intelligent home appliances, Medical equipment, Kinds of industrial control devices & Industrial supplies
适用于汽车、IPAD、LED 灯具、智能家电产品、医疗设备、各种工业控制装置及工业电源等



Figures (型状)



Derating Curve (降功率曲线)



Specification (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	Resistance Value of Jumper 零欧姆电阻阻值	Rated Current of Jumper 零欧姆电阻额定电流	Max. Overload Current of Jumper 零欧姆电阻最大过负荷电流	Operating Temperature 工作温度范围
CQ02	50V	100V	100V	<50mΩ	1A	2A	-55~+155°C
CQ03	75V	150V	300V	<50mΩ	1A	2A	
CQ05	150V	300V	500V	<50mΩ	2A	5A	
CQ06	200V	400V	500V	<50mΩ	2A	10A	
CQ07	200V	500V	500V	<50mΩ	2A	10A	
CQ10	200V	500V	500V	<50mΩ	2A	10A	
CQ12	200V	500V	500V	<50mΩ	2A	10A	

Type 类型	Power 功率 (70°C)	L (mm)	W (mm)	H (mm)	A (mm)	B (mm)	Resistance Range 阻值范围
CQ02	1/16W	1.00±0.10	0.50±0.05	0.35±0.05	0.20±0.10	0.25±0.10	0.5%, 1%, 2%, 5%: 1Ω~10MΩ
CQ03	1/16W, 1/10W-S	1.60±0.10	0.80±0.10	0.45±0.10	0.30±0.20	0.30±0.20	
CQ05	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	
CQ06	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	
CQ07	1/4W, 1/3W-S, 1/2W-SS	3.10±0.10	2.60±0.20	0.55±0.10	0.50±0.25	0.50±0.20	
CQ10	1/2W, 3/4W-S	5.00±0.10	2.50±0.20	0.55±0.10	0.60±0.25	0.50±0.20	
CQ12	1W	6.35±0.10	3.20±0.20	0.55±0.10	0.60±0.25	0.50±0.20	

Performance Specification (性能)

Temperature coefficient	温度系数	1Ω~10 Ω: ≤±400ppm/°C 11Ω~100 Ω: ≤±200ppm/°C >100Ω: ±100ppm/°C
Short-time overload	短时间过负荷	±0.5%, ±1%: ±(±1%:±(1.0%+0.1Ω))Max (最大) ±2%, ±5%: ±(2.0%+0.1Ω)Max (最大)
Terminal bending	端子弯曲	±(1.0%+0.05Ω)Max. (最大)
Solderability	可焊性	Min. 95% Coverage (最少 95% 覆盖率)
Soldering heat	耐焊接热	±(1.0%+0.05Ω) Max. (最大)
Moisture Resistance	耐湿性	±0.5%, ±1%: ±(0.5%+0.1Ω)Max ±2%, ±5%: ±(3.0%+0.1Ω) Max
Biased Humidity	偏置湿度	±0.5%, ±1%: ±(1.0%+0.1Ω)Max ±2%, ±5%: ±(3.0%+0.1Ω) Max
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
Temperature Cycling	温度循环	±0.5%, ±1%: ±(0.5%+0.1Ω)Max. (最大) ±2%, ±5%: ±(1.0%+0.1Ω) Max.(最大)
Load life	负载寿命	±1%: ±(1.0%+0.1Ω) Max.(最大) ±5%: ±(3.0%+0.1Ω) Max.(最大)
ESD	防静电	±(1.0%+0.05Ω) Max.(最大)
* Sulfuration test	硫化测试	H ₂ S 3~5PPM 50°C±2°C 91%~93%RH 1000H

Ordering Procedure (Example: CQ06 1/8W 5% 1.2E T/R500)

订购方式 (例如: CQ06 1/8W 5% 1.2E T/R500)

