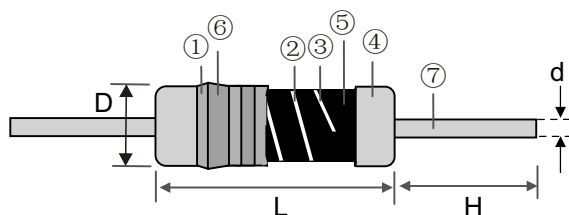


本体颜色: Body Color
 标准品: Standard (Blue 蓝色)
 标示: Marking
 文字: Alphanumeric
 (根据客户要求提供相应标识)
 (According to the customer request to provide corresponding identification)

特性 Feature

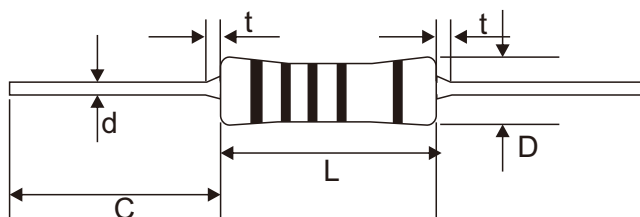
- I 优良的高频特性
 Excellent high frequency characteristic
- II 长期稳定性、低噪音系数、低温度系数
 Long term stability, low noise coefficient, low TCR
- III 高稳定度
 high stability
- IV 采用蓝色或者绿色涂料包封, 色环标志, 可编带包装或散装包装
 Blue or green flame-retardant coating colour code marking available, taping reel or bulk

结构图 Construction



①	②	③	④	⑤	⑥	⑦
绝缘层	刻槽线	陶瓷棒	镀锡铁帽	电阻膜层	标志	引线

外形尺寸 Dimensions

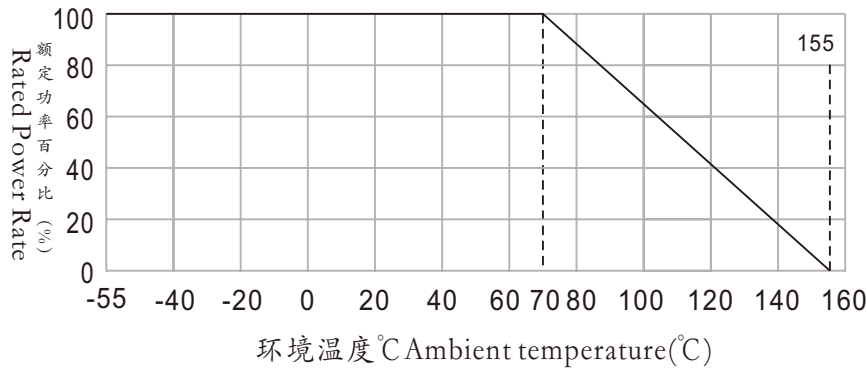


规格 Type	尺寸Dimensions(mm)				
	L	D	C	d	t Max
FCR0204	3.4 ± 0.3	1.9 ± 0.2	28 ± 2.0	0.45 ± 0.05	1.5
FCR0207	6.3 ± 0.5	2.4 ± 0.3	28 ± 2.0	0.55 ± 0.05	1.5

参考规格 Reference Standards

JIS C 5202

● 降功耗曲线 Derating Curve



● 功率、阻值范围与耐电压 Power And Resistance etc

规格 Type	40°C 额定功率 Rated Power at 40°C (W)	70°C 额定功率 Rated Power at 70°C (W)	最高使用电压 Max. Working Voltage (V)	绝缘耐压 Insulate Voltage (V)	过载电压 Max. Overload Voltage (V)	阻值范围 Resistance Range (Ω)	温度系数 TCR (PPM/°C)	精度范围 Tolerance Range	使用温度范围 Operating Temperature
FCR0204	0.4W	1/4W	250	300	500	1Ω~10MΩ	≤ ±300PPM/°C	±1.0% ±5.0%	-55~125°C
FCR0207	0.6W	1/3W	350	500	700	1Ω~10MΩ			

● 性能 Performance

Test Item	Performance	Test Condition (JIS-C-5202)
Short Time Overload	±0.25%R+0.05Ω	2.5 times RCWV for 5 Sec
Voltage Proof on Insulation	By type	in V-block for 60 Sec., test voltage by type
Temperature Coefficient	By type	-55°C to +155°C
Insulation Resistance	>1,000MΩ	in V-block for 60 Sec.
Solderability	95% Min. coverage	235 ± 5°C for 3 ± 0.5 Sec.
Solvent Resistance of Marking	No deterioration of coatings and markings	IPA for 5 ± 0.5 Min. with ultrasonic
Robustness of Terminations	≥2.5kg (24.5N)	Direct load for 10 Sec. in the direction of the terminal leads
Periodic-pulse Overload	±1.0%R+0.05Ω	4 times RCWV 10,000 cycles (1 Sec. on, 25 Sec. off)
Damp Heat Steady State	±1.5%R+0.05Ω	40 ± 2°C, 90-95% RH for 56 days, loaded with 0.1 times RCWV
Endurance at 70°C	±1.5%R+0.05Ω	70 ± 2°C at RCWV for 1,000 Hr. (1.5 Hr. on, 0.5 Hr. off)
Temperature Cycling	±0.75%R+0.05Ω	-55°C → Room Temp. → +155°C → Room Temp. (5 cycles)
Resistance to Soldering Heat	±0.25%R+0.05Ω	260 ± 3°C for 10 ± 1 Sec., immersed to a point 3 ± 0.5mm from the body
Accidental Overload Test	No evidence of flaming or arcing	4 times RCWV for 1 Min.

● 料号编号 Ordering Information

例 Example

FCR	04	B	C	T	100R0
产品名称 Product Name	功率 Power	精度 Tol	温度系数 TCR	包装方式 Packing	标称阻值 Nominal Value
FCR	04=0.4W 06=0.6W	F=±1.0% J=±5.0%	≤ ±300PPM/°C	B:袋装 T:编带 B:bagged T:tape	0R100=0.1Ω 100R0=100Ω 10K00=10KΩ 1M000=1MΩ