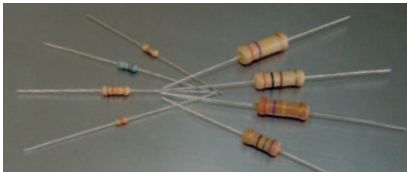


Feature (特性)

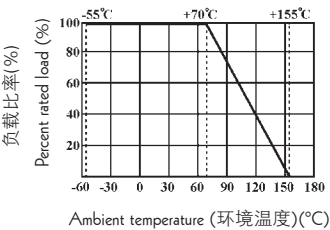
- High quality performance 高品质
- Great economy 低成本
- Flame retardant type available 可提供不燃性涂装
- Automatically insertable 适用自动化插件



Part No. 料号	Type 类型	Power Rating 功率 70°C	Dimension (尺寸) (mm)				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 Range 阻值范围
			D Max. D 最大	L Max. L 最大	d±0.05	H ± 3				
Normal Size (正常尺寸)										
CFR0W8	CFR-12	1/8W	1.9	3.5	0.45	28	200V	400V	400V	1Ω ~ 1MΩ
CFR0W4	CFR-25	1/4W	2.5	6.8	0.54	28	250V	500V	500V	1Ω ~ 10MΩ
CFR0W2	CFR-50	1/2W	3.5	10	0.54	28	350V	700V	700V	1Ω ~ 10MΩ
CFR01W	CFR-100	1W	5.5	16	0.70	28	500V	1000V	1000V	1Ω ~ 10MΩ
CFR02W	CFR-200	2W	6.5	17.5	0.75	28	500V	1000V	1000V	1Ω ~ 10MΩ
Small Size & Extra Small Size (小型及超小型尺寸)										
CFR0S4	CFR-25-S	1/4W	1.9	3.5	0.45	28	200V	400V	400V	1Ω ~ 1MΩ
CFR0U2	CFR-50-SS	1/2W	2.7	6.8	0.54	28	250V	500V	250V	1Ω ~ 10MΩ
CFR0S2	CFR-50-S	1/2W	3	9	0.54	28	350V	700V	700V	1Ω ~ 10MΩ
CFR01S	CFR-100-S	1W	5	12	0.65	28	500V	1000V	1000V	1Ω ~ 10MΩ
CFR02S	CFR-200-S	2W	5.5	16	0.70	28	500V	1000V	1000V	1Ω ~ 10MΩ
CFR03S	CFR-300-S	3W	6.5	17.5	0.75	28	500V	1000V	1000V	1Ω ~ 10MΩ

- Standard E-24 series values in ±5%, ±10% & ±20 & tolerance
标准E-24系列公差为±5%、±10% & ±20%阻值
- Standard Beige base color, Light Brown color for CFR01S, CFR02S & CFR03S
正常尺寸产品涂标准米黄色底漆, CFR01S, CFR02S & CFR03S涂浅棕色底漆
- Standard Grayish-green base color (Non-Flammable coating) for CFR0U2 (CFR-50-SS)
CFR0U2 (CFR-50-SS)涂标准灰绿色 (不燃性) 底漆
- For any special inquiry such as too Low or too High ohmic values is available on a case to case basis
特殊要求, 含超高、超低阻值也可特别安排生产

Derating Curve (降功率曲线)



Performance Specification (性能)

Temperature coefficient 温度系数	$\pm 300\text{PPM}/^{\circ}\text{C}$ for $\leq 10\Omega$; $\pm 450\text{PPM}/^{\circ}\text{C}$ for $11\Omega \sim 99\text{K}\Omega$; $0 \sim -700\text{PPM}/^{\circ}\text{C}$ for $100\text{K}\Omega \sim 1\text{M}\Omega$; $0 \sim -1500\text{PPM}/^{\circ}\text{C}$ for $1.1\text{M}\Omega \sim 10\text{M}\Omega$.
Short-time overload 短时间过负荷	$\Delta R/R \leq \pm(1\%+0.05\Omega)$, with no evidence of mechanical damage (无可见机械损伤)
Insulation resistance 绝缘电阻	$\geq 10,000\text{M}\Omega$
Dielectric withstanding voltage 绝缘耐压	No evidence of flashover, mechanical damage, arcing or insulation breakdown 无击穿、飞弧及可见机械损伤
Terminal strength 端子强度	No evidence of mechanical damage (无可见机械损伤)
Soldering heat 耐焊接热	$\Delta R/R \leq \pm(1\%+0.05\Omega)$, with no evidence of mechanical damage (无可见机械损伤)
Solderability 可焊性	Min. 95% coverage (最少 95% 覆盖率)
Resistance to solvent 耐溶剂	No deterioration of protective coating and markings (包封层, 色码完整)
Temperature cycling 温度循环	$\Delta R/R \leq \pm(1\%+0.05\Omega)$, with no evidence of mechanical damage (无可见机械损伤)
Load life in humidity 湿度寿命	Normal type (正常尺寸): $\Delta R/R \pm 3\%$ for $<100\text{K}\Omega$, $\pm 5\%$ for $\geq 100\text{K}\Omega$; Flame retardant type (不燃性): $\Delta R/R \pm 5\%$ for $<100\text{K}\Omega$, $\pm 10\%$ for $\geq 100\text{K}\Omega$
Load life 负载寿命	Normal type (正常尺寸): $\Delta R/R \pm 2\%$ for $<56\text{K}\Omega$, $\pm 3\%$ for $\geq 56\text{K}\Omega$; Flame retardant type (不燃性): $\Delta R/R \pm 5\%$ for $<100\text{K}\Omega$, $\pm 10\%$ for $\geq 100\text{K}\Omega$

Ordering Procedure (Example: CFR 1/4WS Flame Retardant type 5% 10K Ω T/B-5000)

订购方式 (例如: CFR 1/4WS 不燃性 5% 10K Ω T/B-5000)

