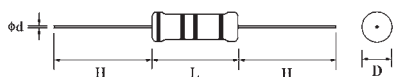


Feature (特性)

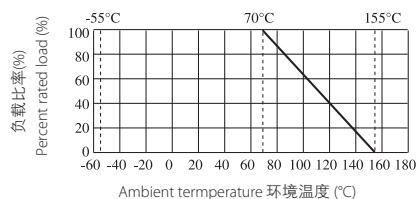
- High quality performance 高品质
- Great economy 低成本
- Flame Retardant available 可提供不燃性涂装
- Automatically insertable 适用自动化插件



Dimension(尺寸) mm



Derating Curve (降功率曲线)



Specification(性能)

料号	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	Tolerance 公差
			D	L	d±0.05	H±3	PT					
Ordinary Products(普通产品)												
CFR0W8	CFR-12	1/8W	1.9±0.3	3.3±0.3	0.45	28	52	200V	400V	400V	1Ω~1MΩ	
CFR0S4	CFR-25-S	1/4W-S	1.9±0.3	3.3±0.3	0.45	28	52	200V	400V	400V	1Ω~1MΩ	
CFR0W4	CFR-25	1/4W	2.2±0.3	6.5±1.0	0.54	28	52	250V	500V	500V	1Ω~10MΩ	
CFR0W2	CFR-50	1/2W	3.0±0.6	9.5±1.0	0.54	28	52	350V	700V	700V	1Ω~10MΩ	
CFR01S	CFR-100-S	1W-S	4.5±0.6	11.5±1.0	0.70	28	52	500V	1000V	1000V	1Ω~10MΩ	±2%
CFR01W	CFR-100	1W	5.0±0.6	15.5±1.0	0.70	28	64	500V	1000V	1000V	1Ω~10MΩ	±5%
CFR02S	CFR-200-S	2W-S	5.0±0.6	15.5±1.0	0.70	28	64	500V	1000V	1000V	1Ω~10MΩ	±10%
CFR02W	CFR-200	2W	6.0±0.6	17.5±1.0	0.75	28	64	500V	1000V	1000V	1Ω~10MΩ	
CFR03S	CFR-300-S	3W-S	6.0±0.6	17.5±1.0	0.75	28	64	500V	1000V	1000V	1Ω~10MΩ	
High Power Products(高功率产品)												
CPR0W2	CPR-50	1/2W	2.2±0.5	6.5±1.0	0.54	28	52	300V	500V	700V	3Ω~10MΩ	±2%
CPR01W	CPR-100	1W	3.5±0.5	9.5±1.0	0.54	28	52	500V	700V	1000V	3Ω~10MΩ	±5%
CFP02W	CPR-200	2W	4.5±0.5	11.0±1.0	0.70	28	52	500V	1000V	1000V	3Ω~10MΩ	±10%

- Standard E-24 series values in ±5% ±10% & ±20% tolerance
标准 E-24 系列公差为 ±5%、±10% & ±20%
- Standard: Beige color, CFR1WS, CFR2WS, CFR3WS with light brown color, High Power Products with Grey-green
正常尺寸涂标准米黄色底漆, CFR1WS、CFR2WS、CFR3WS 涂浅棕色底漆, 高功率产品涂灰绿色底漆
- 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

Performance Specification(性能)

Temperature coefficient	温度系数	≤10 Ω: ±300PPM/°C; 11Ω~99KΩ: ±450PPM/°C 100KΩ~1MΩ: 0~700PPM/°C; 1.1MΩ~10MΩ: 0~1500PPM/°C;
Short-time Overload	短时间过负荷	CFR Products (CFR 产品): $\Delta R/R \leq \pm(1\%+0.05 \Omega)$ CPR Products (CPR 产品): $\Delta R/R \leq \pm(0.75\%+0.05 \Omega)$
Dielectric withstanding voltage	绝缘耐压	With 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	CFR Ordinary Products (CFR 普通产品): $\Delta R/R \pm 3\%$ for < 100kΩ, $\pm 5\%$ for ≥100kΩ CFR Flame retardant type(CFR 阻燃性产品): $\Delta R/R \pm 5\%$ for < 100kΩ, $\pm 10\%$ for ≥100kΩ High Power Products (高功率产品): $\Delta R/R \pm (3\%+0.05\Omega)$
Load life	负载寿命	CFR Ordinary Products (普通产品): $\Delta R/R \pm 2\%$ for < 56kΩ, $\pm 3\%$ for ≥56kΩ CFR Flame retardant type (CFR 阻燃性产品): $\Delta R/R \pm 5\%$ for < 100kΩ, $\pm 10\%$ for ≥100kΩ High Power Products (高功率产品): $\Delta R/R \pm (3\%+0.05\Omega)$

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

订购方式 (例如: CFR1/4WS 5% 10Ω T/B-5000)

