

### Feature (特性)

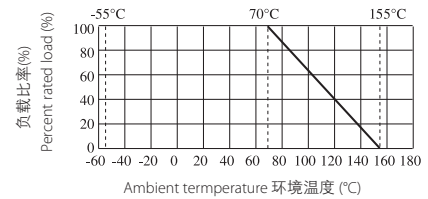
- High quality performance 高品质
- Great economy 低成本
- Flame Retardant available 可提供不燃性涂装
- Automatically insertable 适用自动化插件



### 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					
<b>Ordinary Products(普通产品)</b>												
CFR0W8	CFR-12	1/8W	1.9±0.3	3.3±0.3	0.45	28	52	200V	400V	400V	1Ω~1MΩ	±2% ±5% ±10%
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	
CFR01W	CFR-100	1W	5.0±0.6	15.5±1.0	0.70	28	64	500V	1000V	1000V	1Ω~10MΩ	
CFR02S	CFR-200-S	2W-S	5.0±0.6	15.5±1.0	0.70	28	64	500V	1000V	1000V	1Ω~10MΩ	
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	
<b>High Power Products(高功率产品)</b>												
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%
CPR02W	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)

<b>Temperature coefficient</b>	<b>温度系数</b>	≤10 Ω: ±300PPM/°C; 11Ω~99KΩ: ±450PPM/°C 100KΩ~1MΩ: 0~700PPM/°C; 1.1MΩ~10MΩ: 0~1500PPM/°C;
<b>Short-time Overload</b>	<b>短时间过负荷</b>	CFR Products ( CFR 产品 ): ΔR/R ≤ ±(1%+0.05 Ω) CPR Products ( CPR 产品 ): ΔR/R ≤ ±(0.75%+0.05 Ω)
<b>Dielectric withstanding voltage</b>	<b>绝缘耐压</b>	With no evidence of flashover,mechanical damage,arcing or insulation breakdown ( 无击穿·飞弧及可见机械损伤 )
<b>Terminal strength</b>	<b>端子强度</b>	No evidence of mechanical damage ( 无可见机械损伤 )
<b>Soldering heat</b>	<b>耐焊接热</b>	ΔR/R ≤ ±(1%+0.05 Ω) with no evidence of mechanical damage ( 无可见机械损伤 )
<b>Solderability</b>	<b>可焊性</b>	Min.95% coverage ( 最少 95% 覆盖率 )
<b>Resistance to solvent</b>	<b>耐溶剂</b>	No deterioration of protective coating and markings ( 包封层, 色码完整 )
<b>Temperature cycling</b>	<b>温度循环</b>	ΔR/R ≤ ±(1%+0.05 Ω) with no evidence of mechanical damage ( 无可见机械损伤 )
<b>Load life in humidity</b>	<b>湿度寿命</b>	CFR Ordinary Products (CFR 普通产品): ΔR/R ±3%for < 100kΩ, ±5% for ≥100kΩ CFR Flame retardant type(CFR 阻燃性产品): ΔR/R ±5%for < 100kΩ, ±10%for ≥100kΩ High Power Products ( 高功率产品 ):ΔR/R ±(3%+0.05Ω)
<b>Load life</b>	<b>负载寿命</b>	CFR Ordinary Products ( 普通产品 ): ΔR/R ±2%for < 56kΩ, ±3%for ≥56kΩ CFR Flame retardant type (CFR 阻燃性产品): ΔR/R ±5%for < 100kΩ, ±10%for ≥100kΩ High Power Products ( 高功率产品 ):ΔR/R ±(3%+0.05Ω)

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

订购方式 (例如: CFR1/4WS 5% 10Ω T/B-5000)

