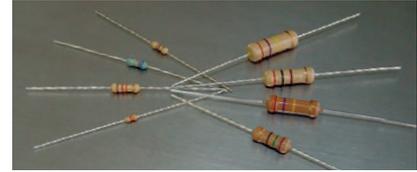
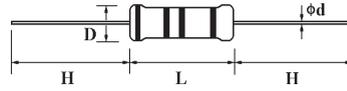


Feature

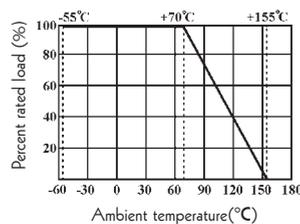
- High quality performance
- Great economy
- Flame retardant type available
- Automatically insertable



Part No.	Type	Power Rating at 70°C	Dimension (mm)				Max. Working Voltage	Max. Overload Voltage	Dielectric Withstanding Voltage	Resistance Range
			D Max.	L Max.	d±0.05	H ± 3				
Normal Size										
CFROW8	CFR-12	1/8W	1.9	3.5	0.45	28	200V	400V	400V	1Ω ~ 1MΩ
CFROW4	CFR-25	1/4W	2.5	6.8	0.54	28	250V	500V	500V	1Ω ~ 10MΩ
CFROW2	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										
CFROS4	CFR-25-S	1/4W	1.9	3.5	0.45	28	200V	400V	400V	1Ω ~ 1MΩ
CFROU2	CFR-50-SS	1/2W	2.7	6.8	0.54	28	250V	500V	250V	1Ω ~ 10MΩ
CFROS2	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% tolerance
- Standard Beige base color, Light Brown color for CFR01S, CFR02S & CFR03S
- Standard Grayish-green base color (Non-Flammable coating) for CFROU2 (CFR-50-SS)
- For any special inquiry such as too Low or too High ohmic values is available on a case to case basis

Derating Curve



Performance Specification

Temperature coefficient	±300PPM/°C for ≤10Ω, ±450PPM/°C for 11Ω ~ 99KΩ; 0 ~ -700PPM/°C for 100KΩ ~ 1MΩ; 0 ~ -1500PPM/°C for 1.1MΩ ~ 10MΩ.
Short-time overload	ΔR/R ≤ ±(1%+0.05Ω), with no evidence of mechanical damage
Insulation resistance	Min. 10,000Mega Ohm.
Dielectric withstanding voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown
Terminal strength	No evidence of mechanical damage
Resistance to soldering heat	ΔR/R ≤ ±(1%+0.05Ω), with no evidence of mechanical damage
Solderability	Min. 95% coverage
Resistance to solvent	No deterioration of protective coating and markings
Temperature cycling	ΔR/R ≤ ±(1%+0.05Ω), with no evidence of mechanical damage
Load life in humidity	Normal type: ΔR/R ± 3% for <100KΩ, ±5% for ≥100KΩ; Flame retardant type: ΔR/R ± 5% for <100KΩ, ±10% for ≥100KΩ
Load life	Normal type: ΔR/R ±2% for <56KΩ, ±3% for ≥56KΩ; Flame retardant type: ΔR/R ±5% for <100KΩ, ±10% for ≥100KΩ

Ordering Procedure (Example: CFR 1/4W Small Size Flame Retardant type 5% 10KΩ T/B-5000)

