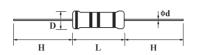
Feature

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

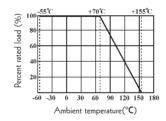




Part No.	Туре	Power Rating at 70°C	Dimension (mm)				. 14 . 17 . 11	Man Oval I	Dielectric	D:
			D Max.	L Max.	d±0.05	H ± 3	→ Max.Working Voltage	Max. Overload Voltage	Withstanding Voltage	Resistance Range
Normal Size										
CFRoW8	CFR-12	1/8W	1.9	3.5	0.45	28	200V	400V	400V	$1\Omega\sim 1M\Omega$
CFROW4	CFR-25	1/4W	2.5	6.8	0.54	28	250V	500V	500V	$1\Omega\sim 10M\Omega$
CFR0W2	CFR-50	1/2W	3.5	10	0.54	28	350V	700V	700V	$1\Omega\sim 10M\Omega$
CFR01W	CFR-100	1W	5.5	16	0.70	28	500V	1000V	1000V	$1\Omega\sim 10M\Omega$
CFR02W	CFR-200	2W	6.5	17.5	0.75	28	500V	1000V	1000V	$1\Omega\sim 10M\Omega$
Small Size & Ex	tra Small Size									
CFR0S4	CFR-25-S	1/4W	1.9	3.5	0.45	28	200V	400V	400V	$1\Omega\sim 1M\Omega$
CFR0U2	CFR-50-SS	1/2W	2.7	6.8	0.54	28	250V	500V	250V	$1\Omega \sim 10 M\Omega$
CFR0S2	CFR-50-S	1/2W	3	9	0.54	28	350V	700V	700V	$1\Omega\sim 10M\Omega$
CFR01S	CFR-100-S	1W	5	12	0.65	28	500V	1000V	1000V	$1\Omega\sim 10M\Omega$
CFR02S	CFR-200-S	2W	5.5	16	0.70	28	500V	1000V	1000V	$1\Omega\sim 10M\Omega$
CFR03S	CFR-300-S	3W	6.5	17.5	0.75	28	500V	1000V	1000V	$1\Omega\sim 10M\Omega$

- 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 $\pm 300PPM^{\circ}C$ for $\leq 10\Omega$;

 ± 450 PPM°C for $11\Omega \sim 99$ K Ω_i 0 \sim -700PPM°C for 100K $\Omega \sim 1$ M Ω_i 0 \sim -1500PPM°C for 1.1M $\Omega \sim 10$ M Ω_i

Short-time overload $\Delta R/R \leq \pm (1\% + 0.05\Omega)$, 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 $\Delta R/R \leq \pm (1\% + 0.05\Omega)$, with no evidence of mechanical damage

Solderability Min. 95% coverage

Resistance to solvent No deterioration of protective coating and markings

Temperature cycling $~\Delta R/R \leq \pm (1\% + 0.05\Omega),~$ with no evidence of mechanical damage

Load life in humidity Normal type: $\Delta R/R \pm 3\%$ for $<100K\Omega$, $\pm 5\%$ for $\ge 100K\Omega$;

Flame retardant type: $\Delta R/R \pm 5\%$ for $< 100 K\Omega$, $\pm 10\%$ for $\ge 100 K\Omega$

Load life Normal type: $\Delta R/R \pm 2\%$ for $< 56K\Omega$, $\pm 3\%$ for $\ge 56K\Omega$;

Flame retardant type: $\Delta R/R \pm 5\%$ for $< 100 K\Omega$, $\pm 10\%$ for $\ge 100 K\Omega$

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

