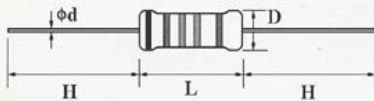
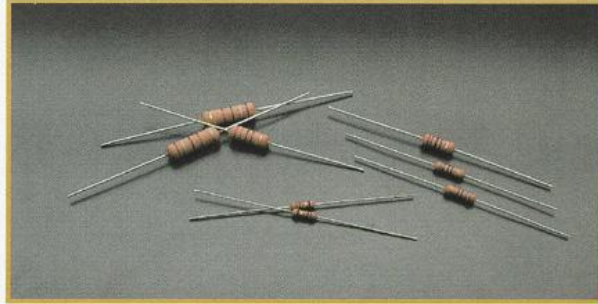


## Fusible Resistors:

**Feature:**

- ◇ Raw materials used for fusible resistors are that of Metal Film Resistors;
- ◇ Ideal circuit opening controller, disconnecting units from overload rating specified;
- ◇ Too low or too high ohmic value can be supplied on a case to case basis.



**Specification:**

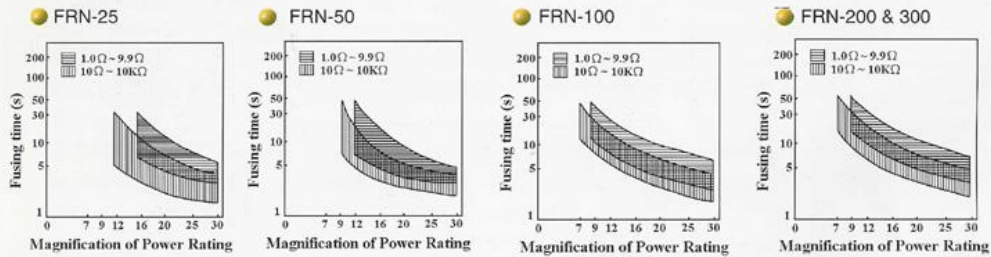
Part No.	Type	Power rating at 70°C	Dimension				Resistance range	Dielectric withstanding V.
			D Max.	L Max.	H±3	d +0.02 -0.05		
FRN0W4	FRN-25	1/4W	2.5	6.8	28	0.6	1Ω~10KΩ	300V
FRN0W2	FRN-50	1/2W	3	9	28	0.6		350V
FRN01W	FRN-100	1W	4	10	28	0.7		350V
FRN02W	FRN-200	2W	5	12	28	0.7		600V
FRN03W	FRN-300	3W	5.5	16	28	0.8		600V

**Fusing Characteristics:**

**Test Power:**

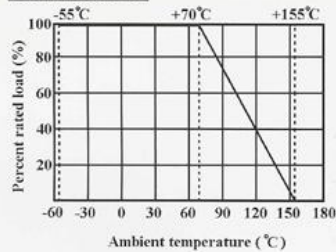
- 16 X Power Rating..... ≤ 60 seconds
- 20 X Power Rating..... ≤ 40 seconds
- 24 X Power Rating..... ≤ 30 seconds
- 28 X Power Rating..... ≤ 20 seconds
- 32 X Power Rating..... ≤ 15 seconds

**Fusing Time:**

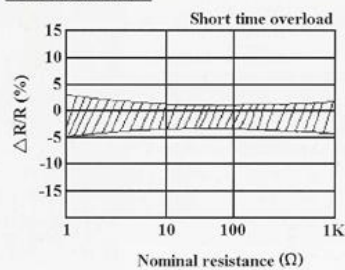


## Fusible Resistors:

**Derating Curve:**



**Overload Curve:**



**Performance Specifications:**

Temperature coefficient	± 350PPM/°C
Short-time overload	$\Delta R/R \leq \pm(2\%+0.05\Omega)$ , with no evidence of mechanical damage.
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.
Temperature cycling	$\Delta R/R \leq \pm(2\%+0.05\Omega)$ , with no evidence of mechanical damage.
Load life in humidity	$\Delta R/R \leq \pm(5\%+0.05\Omega)$ , with no evidence of mechanical damage.
Load life	$\Delta R/R \leq \pm(5\%+0.05\Omega)$ , with no evidence of mechanical damage.
Flame retardant	Not have any specimens which burn with flaming combustion after each application of the test flame.

**Ordering Procedure (Example: FRN 1W 5% 3Ω T/B-1000):**

