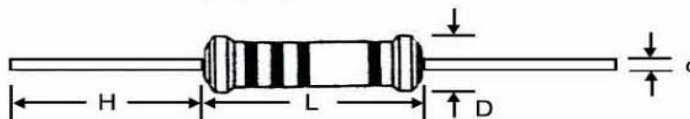


# FLAME PROOF TYPE

## (FPC SERIES)



### Dimensions

FPC series are carbon film resistors with complete nonflame insulated coating, do not burn in outside flaming or inside overloading, thus ensure the safety of electronic appliances.

### General Specification

Style	Power Rating	Dimensions				Max. Working V.	Max. Overload V.	Resistance Range	
		L	D	d	H (MIN)			±2% (G)	±5% (J)
FPC-012	1/8W (0.125W)	3.7 ± 0.3	1.7 ± 0.2	0.45 ± 0.05	25	200V	400V	10Ω~1M	10Ω~10M
FPC-025	1/4W (0.25W)	6.5 ± 0.5	2.3 ± 0.2	0.50 ± 0.05	25	250V	500V	10Ω~1M	1Ω~10M
FPC-050	1/2W (0.5W)	9 ± 1	3.5 ± 0.5	0.55 ± 0.05	25	350V	700V	10Ω~1M	1Ω~10M
FPC-100	1W	12 ± 1	4.5 ± 0.5	0.73 ± 0.05	25	500V	1000V	10Ω~1M	1Ω~10M
FPC-200	2W	16 ± 1	5.0 ± 0.5	0.75 ± 0.05	25	500V	1000V	10Ω~1M	1Ω~10M
FPC-200S	2W	12 ± 1	4.5 ± 0.5	0.73 ± 0.05	25	500V	1000V	10Ω~1M	1Ω~10M

### Characteristics

Requirements	Characteristics	Test Method
Non-Combustibility	Flame Resistance Not burns continuously for more than 5 seconds, Overload Burning Resistance Not fume under the overload of less than 5 times of rated power. The volume of fumes emitted under the overload of more than 5 times of rated power is less than of stilled fumes emitted by one cigarette. During the test the height of fumes does not over 3mm and the burning does not continue for more than 3 seconds.	MIL-STD-202 Method 111 JIS C 5202 7 . 12 EIAJ-RC 2658 5.1

