



FUSIBLE METAL FILM RESISTOR

FUSIBLE FLAME-PROOF TYPE

PART NUMBER DESCRIPTION (for order booking)

FR25 PS 100K J TR
 Type & Wattage Lead Style Res. Value Res. Tol. Package

(1) **Type & Wattage:** Fusible Metal Film Resistors

FR25 (0.25W) FR50 (0.5W) FR100 (1W) FR200 (2W) FR300 (3W)
 Miniature Type - FRS300 (3W)

(2) **Lead Style:** PS - Horizontal Type

(3) **Resistance Value:** in Ohm (Ω)

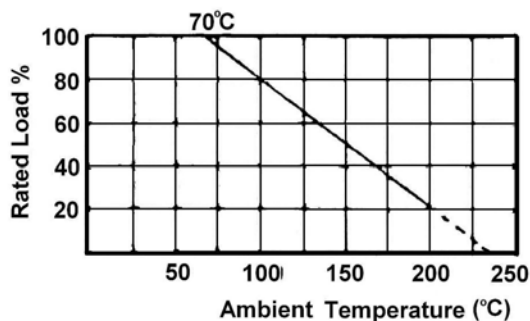
Ohm	0.475	1	4.75	10	100	1000	4750	10000	1000000
Code No.	R475	1	4R75	10	100	1K	4K75	10K	1M

(4) **Resistance Tolerance:** G= $\pm 2\%$ J= $\pm 5\%$

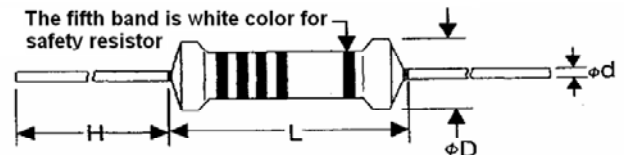
(5) **Package:** It is omitted when the resistors are in bulk package.

TR: Tape/Reel, TB: Tape/Box

POWER DERATING CURVE



DIMENSIONS: (Unit: mm)



Type	Power Rating	Max. Working Voltage	Max. Overload voltage	Resistance Range		L	D	H	d (± 0.05)
				G: $\pm 2\%$	J: $\pm 5\%$				
FR-25	1/4W	250	300	4.7 Ω ~ 1K Ω	2.2 Ω ~ 1K Ω	6.0 ± 0.2	2.3 ± 0.3	28 ± 2.0	0.50
FR-50	1/2W	250	400	4.7 Ω ~ 1K Ω	2.2 Ω ~ 1K Ω	9.0 ± 0.5	3.2 ± 0.3	26 ± 2.0	0.60
FR-100	1W	300	500	4.7 Ω ~ 1K Ω	0.27 Ω ~ 1K Ω	11.0 ± 0.5	4.5 ± 0.5	35 ± 2.0	0.80
FR-200	2W	350	500	4.7 Ω ~ 1K Ω	0.33 Ω ~ 1K Ω	15.0 ± 0.5	5.0 ± 0.5	32 ± 2.0	0.80
FRS-300	3W	500	500	4.7 Ω ~ 1K Ω	0.33 Ω ~ 1K Ω	15.0 ± 0.5	5.0 ± 0.5	32 ± 2.0	0.80
FR-300	3W	500	500	4.7 Ω ~ 1K Ω	0.33 Ω ~ 1K Ω	17.0 ± 0.5	6.0 ± 0.5	32 ± 2.0	0.80