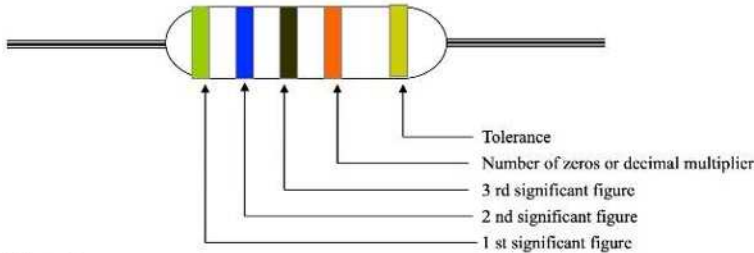


Metal Film Resistors Set 250 mW



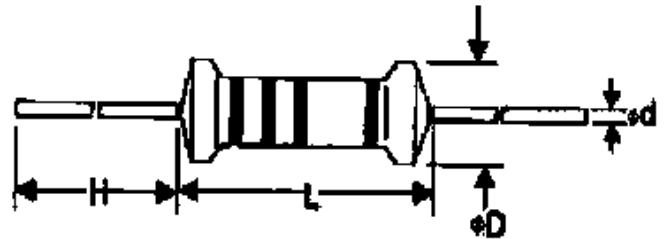
Resistor color code



Color refer

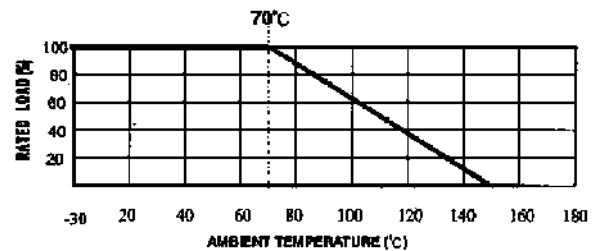
Color	1 st Band	2 nd Band	3 rd Band	4 th Band	Tolerance
Black	0	0	0	10^0	
Brown	1	1	1	10^1	$\pm 1.00\%$
Red	2	2	2	10^2	
Orange	3	3	3	10^3	
Yellow	4	4	4	10^4	
Green	5	5	5	10^5	$\pm 0.50\%$
Blue	6	6	6	10^6	$\pm 0.25\%$
Violet	7	7	7	10^7	$\pm 0.10\%$
Grey	8	8	8	10^8	
White	9	9	9	10^9	
Gold				10^{-1}	
Silver				10^{-2}	

Resistor dimensions



$L = 6.0 \pm 0.5 \text{ mm}$ / $D = 2.3 \pm 0.3 \text{ mm}$ / $H = 27 \pm 2 \text{ mm}$ / $d = 0.48 \text{ mm}$

Derating @ high temperature



Technical data: Rated power: 0.25 W (Derating from $T_a = 70^\circ\text{C}$) • Tolerance: 1% • Temp.-range: $-30 \dots 150^\circ\text{C}$ • Working voltage: 250 V • Dielectric withstanding/overload voltage: max. 500 V • Temp. Coefficient max $\pm 100 \text{ ppm}/^\circ\text{C}$ • Solder ability: Dip the lead in to a solder bath having a Temperature of $260^\circ\text{C} \pm 5^\circ\text{C}$ up to $4 \pm 0.8 \text{ mm}$ from the body of the resistor and hold it for 5 ± 0.5 seconds then inspect.

Part No.	Resistor Value	Content
22P035	1, 10, 47, 100, 150, 220, 330, 470, 1k, 1.5k, 2.2k, 4.7k, 10k, 22k, 33k, 47k, 100k, 220k, 470k, 1M Ω	200 pcs. (10/each)
22P036	1, 10, 47, 100, 150, 220, 330, 470, 1k, 1.5k, 2.2k, 4.7k, 10k, 22k, 33k, 47k, 100k, 220k, 470k, 1M Ω	500 pcs. (25/each)
22P037	1, 10, 47, 100, 150, 220, 330, 470, 1k, 1.5k, 2.2k, 4.7k, 10k, 22k, 33k, 47k, 100k, 220k, 470k, 1M Ω	1000 pcs. (50/each)
22P038	1 Ω	100 pcs.
22P039	10 Ω	100 pcs.
22P040	47 Ω	100 pcs.
22P041	100 Ω	100 pcs.
22P042	150 Ω	100 pcs.
22P043	220 Ω	100 pcs.

Part No.	Resistor Value	Content
22P044	330 Ω	100 pcs.
22P045	470 Ω	100 pcs.
22P046	1 k Ω	100 pcs.
22P047	1.5 k Ω	100 pcs.
22P048	2.2 k Ω	100 pcs.
22P049	4.7 k Ω	100 pcs.
22P050	10 k Ω	100 pcs.
22P051	22 k Ω	100 pcs.
22P052	33 k Ω	100 pcs.
22P053	47 k Ω	100 pcs.
22P054	100 k Ω	100 pcs.
22P055	220 k Ω	100 pcs.
22P056	470 k Ω	100 pcs.
22P057	1 M Ω	100 pcs.