

# Datasheet

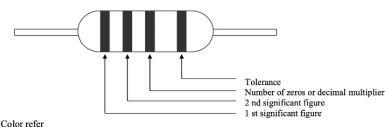
Manufacturer Part No.: T22P058, T22P059, T22P060



## Carbon Film Resistors Set 250 mW

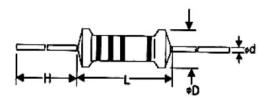


#### Resistor color code



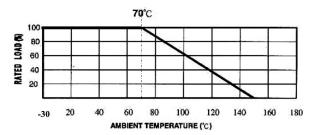
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Color	1 st Band	2 nd Band	3 rd Band	4 th Band
Black	0	0	10 <sup>0</sup>	
Brown	1	1	10 <sup>1</sup>	
Red	2	2	10 <sup>2</sup>	±2.0%
Orange	3	3	10 <sup>3</sup>	
Yellow	4	4	104	
Green	5	5	10 <sup>5</sup>	
Blue	6	6	10 <sup>6</sup>	
Violet	7	7	107	
Grey	8	8	10 <sup>8</sup>	
White	9	9	109	
Gold			10-1	±5.0%
Silver			10-2	±10.0%

#### **Resistor dimensions**



 $L = 6.0 \pm 0.5$  mm /  $D = 2.3 \pm 0.3$  mm /  $H = 27 \pm 2$  mm / d = 0.33 mm

### Derating @ high temperature



**Technical data:** Rated power: 0.25 W (Derating from Ta=70°C) • Tolerance: 5% • Temp.-range: -50 ... 150 °C • Working voltage: 300 V • Dielectric withstanding/overload voltage: max. 600 V • Temp. Coefficient max ±350 ppm/°C (<100kΩ) / 0... -700 ppm/°C (100kΩ...1MΩ) • Solder ability: Dip the lead in to a solder bath having a Temperature of 260°C ±5°C up to 4±0.8 mm from the body of the resistor and hold it for 5 ±0.5 seconds then inspect.

Part No.	Resistor Value (Power rating 1/4 W)	Content
T22P058	1, 10, 47, 100, 150, 220, 330, 470, 1k, 1.5k, 2.2k, 4.7k,	200 pcs.
	10k, 22k, 33k, 47k, 100k, 220k, 470k, 1M Ω	(10/each)
T22P059	1, 10, 47, 100, 150, 220, 330, 470, 1k, 1.5k, 2.2k, 4.7k,	500 pcs.
	10k, 22k, 33k, 47k, 100k, 220k, 470k, 1M Ω	(25/each)
T22P060	1, 10, 47, 100, 150, 220, 330, 470, 1k, 1.5k, 2.2k, 4.7k,	1000 pcs.
	10k, 22k, 33k, 47k, 100k, 220k, 470k, 1M Ω	(50/each)

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