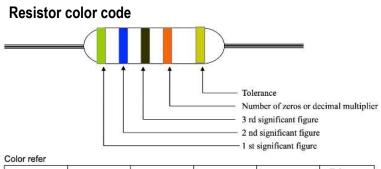


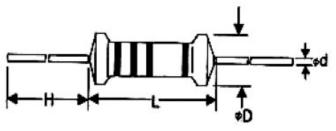
## **TECHNICAL DATA SHEET**

## www.quadrios.de

## Metal Film Resistors Set 250 mW



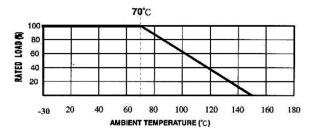
Resistor dimensions



REACH

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

## Derating @ high temperature



Color	1 st Band	2 nd Band	3 rd Band	4 th Band	Tolerance
Black	0	0	0	10 <sup>0</sup>	
Brown	1	1	1	10 <sup>1</sup>	±1.00 %
Red	2	2	2	10 <sup>2</sup>	
Orange	3	3	3	10 <sup>3</sup>	
Yellow	4	4	4	10 <sup>4</sup>	
Green	5	5	5	10 <sup>5</sup>	±0.50 %
Blue	6	6	6	10 <sup>6</sup>	±0.25 %
Violet	7	7	7	107	±0.10 %
Grey	8	8	8	10 <sup>8</sup>	
White	9	9	9	109	
Gold				10-1	
Silver				10-2	

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

Part No.	Resistor Value	Content	Part No.	Resistor Value	Content
	1, 10, 47, 100, 150, 220, 330, 470, 1k, 1.5k, 2.2k, 4.7k, 10k, 22k, 33k, 47k, 100k, 220k, 470k, 1Μ Ω	200 pcs. (10/each)	22P044	330 Ω	100 pcs.
			22P045	470 Ω	100 pcs.
			22P046	1 kΩ	100 pcs.
22P036 1.5k, 2	1, 10, 47, 100, 150, 220, 330, 470, 1k, 1.5k, 2.2k, 4.7k, 10k, 22k, 33k, 47k,	500 pcs. (25/each)	22P047	1.5 kΩ	100 pcs.
			22P048	2.2 kΩ	100 pcs.
	100k, 220k, 470k, 1M Ω		22P049	4.7 kΩ	100 pcs.
22P037 1.	1, 10, 47, 100, 150, 220, 330, 470, 1k, 1.5k, 2.2k, 4.7k, 10k, 22k, 33k, 47k,	1000 pcs. (50/each)	22P050	10 kΩ	100 pcs.
			22P051	22 kΩ	100 pcs.
	100k, 220k, 470k, 1M Ω		22P052	33 kΩ	100 pcs.
22P038	10	100 pcs.	22P053	47 kΩ	100 pcs.
22P039	10 Ω	100 pcs.	22P054	100 kΩ	100 pcs.
22P040	47 Ω	100 pcs.	22P055	220 kΩ	100 pcs.
22P041	100 Ω	100 pcs.			
22P042	150 Ω	100 pcs.	22P056	470 kΩ	100 pcs.
22P043	220 Ω	100 pcs.	22P057	1 MΩ	100 pcs.

This is a publication by Quadrios GmbH • Bahnhofstraße 16 • D-92670 Windischeschenbach (www.quadrios.de)

All right including translation reserved. Reproduction by any method or the capture in electronic data processing system require the prior written approval by the editor. Reprinting, also in part, is prohibited. This publication represents the technical status at the time of printing. All statements without guarantee