

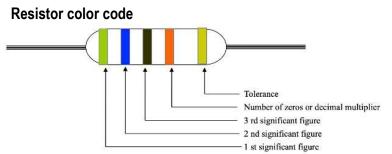
TECHNICAL DATA SHEET

www.quadrios.de

Metal Film Resistors Set 500 mW



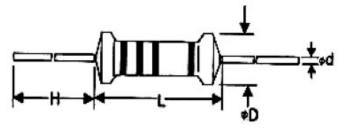




Color refer

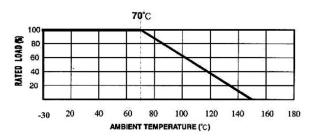
Color	1 st Band	2 nd Band	3 rd Band	4 th Band	Tolerance
Black	0	0	0	10°	
Brown	1	1	1	10 ¹	±1.00 %
Red	2	2	2	10 ²	
Orange	3	3	3	10 ³	
Yellow	4	4	4	10 ⁴	
Green	5	5	5	10 ⁵	±0.50 %
Blue	6	6	6	10 ⁶	±0.25 %
Violet	7	7	7	10 ⁷	±0.10 %
Grey	8	8	8	10 ⁸	
White	9	9	9	10 ⁹	
Gold			E	10-1	
Silver				10-2	

Resistor dimensions



 $L = 9.0 \pm 0.1 \text{ mm} / D = 3.5 \pm 0.5 \text{ mm} / H = 26 \pm 2 \text{ mm} / d = 0.58 \text{ mm}$

Derating @ high temperature



Technical data: Rated power: 0.5 W (Derating from Ta=70°C) • Tolerance: 1% • Temp.-range: -30 ... 150 °C • Working voltage: 350 V • Dielectric withstanding/overload voltage: max. 700 V • Temp. Coefficient max ± 100 ppm/°C • 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	Content
22P081	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)
22P082	1, 10, 47, 100, 150, 220, 330, 470, 1k, 1.5k, 2.2k, 4.7k, 10k, 22k, 33k, 47k, 100k, 220k, 470k, 1Μ Ω	500 pcs. (25/each)
22P083	1, 10, 47, 100, 150, 220, 330, 470, 1k, 1.5k, 2.2k, 4.7k, 10k, 22k, 33k, 47k, 100k, 220k, 470k, 1Μ Ω	1000 pcs. (50/each)
22P084	1Ω	100 pcs.
22P085	10 Ω	100 pcs.
22P086	47 Ω	100 pcs.
22P087	100 Ω	100 pcs.
22P088	150 Ω	100 pcs.
22P089	220 Ω	100 pcs.

Part No.	Resistor Value	Content	
22P090	330 Ω	100 pcs.	
22P091	470 Ω	100 pcs.	
22P092	1 kΩ	100 pcs.	
22P093	1.5 kΩ	100 pcs.	
22P094	2.2 kΩ	100 pcs.	
22P095	4.7 kΩ	100 pcs.	
22P096	10 kΩ	100 pcs.	
22P097	22 kΩ	100 pcs.	
22P098	33 kΩ	100 pcs.	
22P099	47 kΩ	100 pcs.	
22P100	100 kΩ	100 pcs.	
22P101 220 kΩ		100 pcs.	
22P102 470 kΩ		100 pcs.	
22P103	1 ΜΩ	100 pcs.	