

TECHNICAL DATA SHEET

www.quadrios.de

Carbon-film resistor-set 1/4 W (THT) 400pcs Item No.: 201711P001

Whether in the laboratory, in workshops, development offices or for hobby, leisure and education: with this high quality range of resistors you are always well equipped. Wired carbon film resistors (through-hole-mounting) are standard components in electronics and engineering and are indispensable in the practical handling of this matter. Included are 20 different default values. By series or parallel connection or combinations, any intermediate values can be formed. That is why this set is also ideally suited for educational purposes and is often used in educational institutions.



No.	Resistance	Pcs.
1	1Ω	20x
2	10 Ω	20x
3	47 Ω	20x
4	100 Ω	20x
5	150 Ω	20x

No.	Resistance Pcs.	
6	220 Ω	20x
7	330 Ω 20	
8	470 Ω 20	
9	1k Ω 20:	
10	1.5k Ω	20x

No.	Resistance	Pcs.
11	2.2k Ω	20x
12	4.7k Ω	20x
13	10k Ω	20x
14	22k Ω	20x
15	33k Ω	20x

No.	Resistance Pcs.	
16	47k Ω	20x
17	100k Ω 205	
18	220k Ω	20x
19	470k Ω	20x
20	1ΜΩ	20x

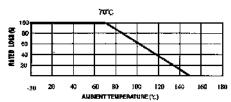
Technical data: Rated power: 0.25 W (Derating from Ta=70°C) • Tolerance: 5% • Temp.-range: -50 ... 150 °C • Working voltage: 300 V • Dielectric withstanding/overload voltage: max. 600 V • Temp. coefficient max ±350 ppm/°C (<100kΩ) / 0... -700 ppm/°C (100k Ω ...1M Ω) • Solder ability: Dip the lead in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

Refill packs available, content 100 pcs. per value:

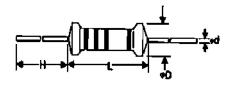
Part-No.	Resistance	Pa
22P061	1Ω	22
22P062	10 Ω	22
22P063	47 Ω	22
22P064	100 Ω	22
22P065	150 Ω	22
22P066	220 Ω	22
22P067	330 Ω	22
22P068	470 Ω	22
22P069	1k Ω	22
22P070	1.5k Ω	22

Resistance
2.2k Ω
4.7k Ω
10k Ω
22k Ω
33k Ω
47k Ω
100k Ω
220k Ω
470k Ω
1Μ Ω

Derating @ high temperature



Resistor dimensions



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