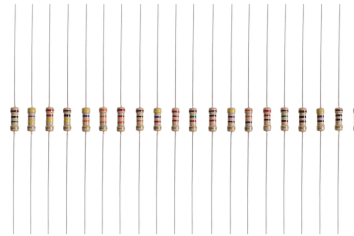


Carbon-film resistor-set 1/2 W (THT) 400pcs Item No.: 201711P003

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.



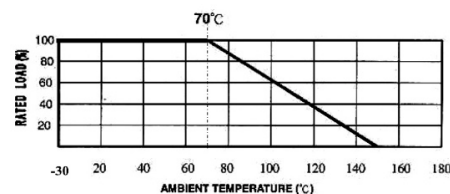
No.	Resistance	Pcs.	No.	Resistance	Pcs.	No.	Resistance	Pcs.	No.	Resistance	Pcs.
1	1 Ω	20x	6	220 Ω	20x	11	2.2k Ω	20x	16	47k Ω	20x
2	10 Ω	20x	7	330 Ω	20x	12	4.7k Ω	20x	17	100k Ω	20x
3	47 Ω	20x	8	470 Ω	20x	13	10k Ω	20x	18	220k Ω	20x
4	100 Ω	20x	9	1k Ω	20x	14	22k Ω	20x	19	470k Ω	20x
5	150 Ω	20x	10	1.5k Ω	20x	15	33k Ω	20x	20	1M Ω	20x

Technical data: Rated power: 0.5 W (Derating from $T_a=70^\circ\text{C}$) • Tolerance: 5% • Temp.-range: $-50 \dots 150^\circ\text{C}$ • Working voltage: 350 V • Dielectric withstanding/overload voltage: max. 700 V • Temp. Coefficient max $\pm 350 \text{ ppm}/^\circ\text{C}$ ($<100\text{k}\Omega$) / $0 \dots -700 \text{ ppm}/^\circ\text{C}$ ($100\text{k}\Omega \dots 1\text{M}\Omega$) • 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.

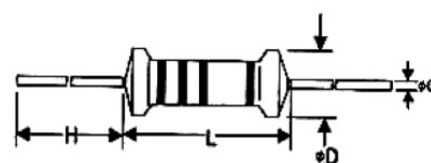
Refill packs available, content 100 pcs. per value:

Part-No.	Resistance	Part-No.	Resistance
22P107	1 Ω	22P117	2.2k Ω
22P108	10 Ω	22P118	4.7k Ω
22P109	47 Ω	22P119	10k Ω
22P110	100 Ω	22P120	22k Ω
22P111	150 Ω	22P121	33k Ω
22P112	220 Ω	22P122	47k Ω
22P113	330 Ω	22P123	100k Ω
22P114	470 Ω	22P124	220k Ω
22P115	1k Ω	22P125	470k Ω
22P116	1.5k Ω	22P126	1M Ω

Derating @ high temperature



Resistor dimensions



$$L = 9.0 \pm 0.5 \text{ mm} / D = 3.2 \pm 0.3 \text{ mm} / H = 26 \pm 2 \text{ mm} / d = 0.4 \text{ mm}$$