

Little Rebel®

Carbon Film Resistors, 5% Tolerance
Available in E24 Ohmic values



Little Rebels are one of Ohmite's more economical lines of low wattage resistors. Constructed of a pure carbon film deposited on a high-grade ceramic body, these units offer better stability performance than comparable carbon composition resistors. Little Rebels are designed for electrical and electronic applications that demand small sizes and small power ratings plus high performance and reliability.

FEATURES

- High stability, low noise level, long life.
- Ideal for applications requiring a steady low power drop.
- Available in Resistor Cabinet Assortments.
- 24 Values per decade.

SERIES SPECIFICATIONS

Series	Wattage	Ohms	Max. Working Voltage
OJ	0.125	1.0- 1M	200
OK	0.250	1.0-10M	250
OL	0.500	1.0-10M	350
OM	1.00	1.0-10M	500
ON	2.00	1.0-10M	500

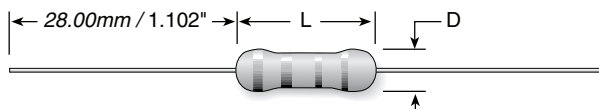
*Available in Cabinet Assortments

CHARACTERISTICS

Core	High-grade ceramic.
Terminals	Solder-coated copper lead.
Derating	Linearly from 100% @ +70°C to 0% @ 155°C.
Tolerance	±5%.
Temperature Coefficient	1Ω to 10: ±350 ppm/°C 11Ω to 91K: -450 ppm/°C 100K to 1M: -700 ppm/°C 1.1M to 10M: -800 to 1500 ppm/°C
Maximum Overload Voltage	OJ: 400 Volts OK: 500 Volts OL: 700 Volts OM: 1000 Volts ON: 1000 Volts
Quantity per reel	OJ: 5000 OK: 5000 OL: 4000 OM: 2500 ON: 1000

DIMENSIONS

(mm/in.)



Series	Wattage	Max. Length	Max. Diam.	Lead ga.
OJ	0.125	3.5 / 0.138	1.85 / 0.073	24
OK	0.250	6.8 / 0.268	2.5 / 0.099	22
OL	0.500	9.0 / 0.355	3.0 / 0.118	22
OM	1.00	12.0 / 0.473	5.0 / 0.197	20
ON	2.00	16.0 / 0.630	5.5 / 0.217	20

(continued)

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ORDERING INFORMATION

Standard part numbers for standard resistance values

Wattage								Wattage								Wattage								Wattage							
Ohmic value	Part No. Prefix ▶ Suffix ▼	0J	0.125	0.25	0.50	1.0	2.0	Ohmic value	Part No. Prefix ▶ Suffix ▼	0J	0.125	0.25	0.50	1.0	2.0	Ohmic value	Part No. Prefix ▶ Suffix ▼	0J	0.125	0.25	0.50	1.0	2.0	Ohmic value	Part No. Prefix ▶ Suffix ▼	0J	0.125	0.25	0.50	1.0	2.0
1	10G5	✓	✓	✓	✓	✓	✓	62	6205	✓	✓	✓	✓	✓	✓	3,900	3925	✓	✓	✓	✓	✓	✓	240,000	2445	✓	✓	✓	✓	✓	✓
1.1	11G5	✓	✓	✓	✓	✓	✓	68	6805	✓	✓	✓	✓	✓	✓	4,300	4325	✓	✓	✓	✓	✓	✓	270,000	2745	✓	✓	✓	✓	✓	✓
1.2	12G5	✓	✓	✓	✓	✓	✓	75	7505	✓	✓	✓	✓	✓	✓	4,700	4725	✓	✓	✓	✓	✓	✓	300,000	3045	✓	✓	✓	✓	✓	✓
1.3	13G5	✓	✓	✓	✓	✓	✓	82	8205	✓	✓	✓	✓	✓	✓	5,100	5125	✓	✓	✓	✓	✓	✓	330,000	3345	✓	✓	✓	✓	✓	✓
1.5	15G5	✓	✓	✓	✓	✓	✓	91	9105	✓	✓	✓	✓	✓	✓	5,600	5625	✓	✓	✓	✓	✓	✓	360,000	3645	✓	✓	✓	✓	✓	✓
1.6	16G5	✓	✓	✓	✓	✓	✓	100	1015	✓	✓	✓	✓	✓	✓	6,200	6225	✓	✓	✓	✓	✓	✓	390,000	3945	✓	✓	✓	✓	✓	✓
1.8	18G5	✓	✓	✓	✓	✓	✓	110	1115	✓	✓	✓	✓	✓	✓	6,800	6825	✓	✓	✓	✓	✓	✓	430,000	4345	✓	✓	✓	✓	✓	✓
2.0	20G5	✓	✓	✓	✓	✓	✓	120	1215	✓	✓	✓	✓	✓	✓	7,500	7525	✓	✓	✓	✓	✓	✓	470,000	4745	✓	✓	✓	✓	✓	✓
2.2	22G5	✓	✓	✓	✓	✓	✓	130	1315	✓	✓	✓	✓	✓	✓	8,200	8225	✓	✓	✓	✓	✓	✓	510,000	5145	✓	✓	✓	✓	✓	✓
2.4	24G5	✓	✓	✓	✓	✓	✓	150	1515	✓	✓	✓	✓	✓	✓	9,100	9125	✓	✓	✓	✓	✓	✓	560,000	5645	✓	✓	✓	✓	✓	✓
2.7	27G5	✓	✓	✓	✓	✓	✓	160	1615	✓	✓	✓	✓	✓	✓	10,000	1035	✓	✓	✓	✓	✓	✓	620,000	6245	✓	✓	✓	✓	✓	✓
3.0	30G5	✓	✓	✓	✓	✓	✓	180	1815	✓	✓	✓	✓	✓	✓	11,000	1135	✓	✓	✓	✓	✓	✓	680,000	6845	✓	✓	✓	✓	✓	✓
3.3	33G5	✓	✓	✓	✓	✓	✓	200	2015	✓	✓	✓	✓	✓	✓	12,000	1235	✓	✓	✓	✓	✓	✓	750,000	7545	✓	✓	✓	✓	✓	✓
3.6	36G5	✓	✓	✓	✓	✓	✓	220	2215	✓	✓	✓	✓	✓	✓	13,000	1335	✓	✓	✓	✓	✓	✓	820,000	8245	✓	✓	✓	✓	✓	✓
3.9	39G5	✓	✓	✓	✓	✓	✓	240	2415	✓	✓	✓	✓	✓	✓	15,000	1535	✓	✓	✓	✓	✓	✓	910,000	9145	✓	✓	✓	✓	✓	✓
4.3	43G5	✓	✓	✓	✓	✓	✓	270	2715	✓	✓	✓	✓	✓	✓	16,000	1635	✓	✓	✓	✓	✓	✓	1 MEG	1055	✓	✓	✓	✓	✓	✓
4.7	47G5	✓	✓	✓	✓	✓	✓	330	3315	✓	✓	✓	✓	✓	✓	18,000	1835	✓	✓	✓	✓	✓	✓	1.1 MEG	1155	✓	✓	✓	✓	✓	✓
5.1	51G5	✓	✓	✓	✓	✓	✓	350	3515	✓	✓	✓	✓	✓	✓	20,000	2035	✓	✓	✓	✓	✓	✓	1.2 MEG	1255	✓	✓	✓	✓	✓	✓
5.6	56G5	✓	✓	✓	✓	✓	✓	360	3615	✓	✓	✓	✓	✓	✓	22,000	2235	✓	✓	✓	✓	✓	✓	1.3 MEG	1355	✓	✓	✓	✓	✓	✓
6.2	62G5	✓	✓	✓	✓	✓	✓	390	3915	✓	✓	✓	✓	✓	✓	24,000	2435	✓	✓	✓	✓	✓	✓	1.5 MEG	1555	✓	✓	✓	✓	✓	✓
6.8	68G5	✓	✓	✓	✓	✓	✓	430	4315	✓	✓	✓	✓	✓	✓	27,000	2735	✓	✓	✓	✓	✓	✓	1.6 MEG	1655	✓	✓	✓	✓	✓	✓
7.5	75G5	✓	✓	✓	✓	✓	✓	470	4715	✓	✓	✓	✓	✓	✓	30,000	3035	✓	✓	✓	✓	✓	✓	1.8 MEG	1855	✓	✓	✓	✓	✓	✓
8.2	82G5	✓	✓	✓	✓	✓	✓	510	5115	✓	✓	✓	✓	✓	✓	33,000	3335	✓	✓	✓	✓	✓	✓	2.0 MEG	2055	✓	✓	✓	✓	✓	✓
9.1	91G5	✓	✓	✓	✓	✓	✓	560	5615	✓	✓	✓	✓	✓	✓	36,000	3635	✓	✓	✓	✓	✓	✓	2.2 MEG	2255	✓	✓	✓	✓	✓	✓
10	1005	✓	✓	✓	✓	✓	✓	620	6215	✓	✓	✓	✓	✓	✓	39,000	3935	✓	✓	✓	✓	✓	✓	2.4 MEG	2455	✓	✓	✓	✓	✓	✓
11	1105	✓	✓	✓	✓	✓	✓	680	6815	✓	✓	✓	✓	✓	✓	43,000	4335	✓	✓	✓	✓	✓	✓	2.7 MEG	2755	✓	✓	✓	✓	✓	✓
12	1205	✓	✓	✓	✓	✓	✓	750	7515	✓	✓	✓	✓	✓	✓	47,000	4735	✓	✓	✓	✓	✓	✓	3.0 MEG	3055	✓	✓	✓	✓	✓	✓
13	1305	✓	✓	✓	✓	✓	✓	820	8215	✓	✓	✓	✓	✓	✓	51,000	5135	✓	✓	✓	✓	✓	✓	3.3 MEG	3355	✓	✓	✓	✓	✓	✓
15	1505	✓	✓	✓	✓	✓	✓	910	9115	✓	✓	✓	✓	✓	✓	56,000	5635	✓	✓	✓	✓	✓	✓	3.6 MEG	3655	✓	✓	✓	✓	✓	✓
16	1605	✓	✓	✓	✓	✓	✓	1,000	1025	✓	✓	✓	✓	✓	✓	62,000	6235	✓	✓	✓	✓	✓	✓	3.9 MEG	3955	✓	✓	✓	✓	✓	✓
18	1805	✓	✓	✓	✓	✓	✓	1,100	1125	✓	✓	✓	✓	✓	✓	68,000	6835	✓	✓	✓	✓	✓	✓	4.3 MEG	4355	✓	✓	✓	✓	✓	✓
20	2005	✓	✓	✓	✓	✓	✓	1,200	1225	✓	✓	✓	✓	✓	✓	75,000	7535	✓	✓	✓	✓	✓	✓	4.7 MEG	4755	✓	✓	✓	✓	✓	✓
22	2205	✓	✓	✓	✓	✓	✓	1,300	1325	✓	✓	✓	✓	✓	✓	82,000	8235	✓	✓	✓	✓	✓	✓	5.1 MEG	5155	✓	✓	✓	✓	✓	✓
24	2405	✓	✓	✓	✓	✓	✓	1,500	1525	✓	✓	✓	✓	✓	✓	91,000	9135	✓	✓	✓	✓	✓	✓	5.6 MEG	5655	✓	✓	✓	✓	✓	✓
27	2705	✓	✓	✓	✓	✓	✓	1,600	1625	✓	✓	✓	✓	✓	✓	100,000	1045	✓	✓	✓	✓	✓	✓	6.2 MEG	6255	✓	✓	✓	✓	✓	✓
30	3005	✓	✓	✓	✓	✓	✓	1,800	1825	✓	✓	✓	✓	✓	✓	110,000	1145	✓	✓	✓	✓	✓	✓	6.8 MEG	6855	✓	✓	✓	✓	✓	✓
33	3305	✓	✓	✓	✓	✓	✓	2,000	2025	✓	✓	✓	✓	✓	✓	120,000	1245	✓	✓	✓	✓	✓	✓	7.5 MEG	7555	✓	✓	✓	✓	✓	✓
36	3605	✓	✓	✓	✓	✓	✓	2,200	2225	✓	✓	✓	✓	✓	✓	130,000	1345	✓	✓	✓	✓	✓	✓	8.2 MEG	8255	✓	✓	✓	✓	✓	✓
39	3905	✓	✓	✓	✓	✓	✓	2,400	2425	✓	✓	✓	✓	✓	✓	150,000	1545	✓	✓	✓	✓	✓	✓	9.1 MEG	9155	✓	✓	✓	✓	✓	✓
43	4305	✓	✓	✓	✓	✓	✓	2,700	2725	✓	✓	✓	✓	✓	✓	160,000	1645	✓	✓	✓	✓	✓	✓	10 MEG	1065	✓	✓	✓	✓	✓	✓
47	4705	✓	✓	✓	✓	✓	✓	3,000	3025	✓	✓	✓	✓	✓	✓	180,000	1845	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
51	5105	✓	✓	✓	✓	✓	✓	3,300	3325	✓	✓	✓	✓	✓	✓	200,000	2045	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
56	5605	✓	✓	✓	✓	✓	✓	3,600	3625	✓	✓	✓	✓	✓	✓	220,000	2245	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓

Tolerance
5 = 5% (Std.)
1 = 10%

RoHS
Compliant

O J 1 0 3 5 E - R 5 2

Series
Selected from
Specification
Chart

Ohms
3 Digit IEC Code
("G" as 3rd digit = 0.1)
11G=1.1Ω
101=100Ω
102=1000Ω
103=10,000Ω
104=100,000Ω
105=1 MΩ
106=10 MΩ

Packaging Code
R52 = Tape & Reel 52mm
(except ON: R65 = Tape & Reel 65mm)
A52(26) = Ammo Pac 52mm (26mm)