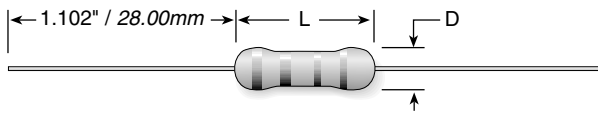


Little Rebel®

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



Series	Wattage	Ohms	Dimensions (in. / mm)		Max. Working Voltage	Lead ga.
			Max. Length	Max. Diam.		
OJ	0.125	1.0-1M	0.138 / 3.5	0.073 / 1.85	200	24
OK	0.250	1.0-10M	0.268 / 6.8	0.099 / 2.5	250	22
OL	0.500	1.0-10M	0.355 / 9.0	0.118 / 3.0	350	22
OM	1.00	1.0-10M	0.473 / 12.0	0.197 / 5.0	500	20
ON	2.00	1.0-10M	0.630 / 16.0	0.217 / 5.5	500	20

*Available in Cabinet Assortments (See Page 73)

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.
- Quantity per reel:
 - OJ 5000
 - OK 5000
 - OL 4000
 - OM 2500
 - ON 1000

SPECIFICATIONS

Material

Core: High-grade ceramic.

Terminals: Solder-coated copper lead.

Derating: Linearly from 100% @ +70°C to 0% @ 155°C.

Electrical

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 OM 1000 Volts

OK 500 Volts ON 1000 Volts

OL 700 Volts

ORDERING INFORMATION

Tolerance		RoHS Compliant
5 = 5% (Std.)		
1 = 10%		
O J 1 0 3 5 E - R 5 2		
Series	Ohms	Packaging Code
Selected from Specification Chart	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	R52 = Tape & Reel 52mm (except ON: R58 = Tape & Reel 58mm) A52(26) = Ammo Pac 52mm (26mm)

STANDARD PART NUMBERS FOR STANDARD RESISTANCE VALUES

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