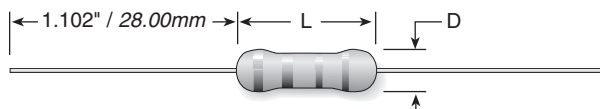


# Little Rebel®

## 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 71)

### ORDERING INFORMATION

**O J 1 0 3 5 R 5 2**

Series Selected from Specification Chart  
Ohms 3 Digit IEC Code ("G" as 3rd digit = 0.1)  
Tolerance 5 = 5% (Std.) 1 = 10%  
Packaging Code R52 = Tape & Reel 52mm (except ON: R58 = Tape & Reel 58mm) A52(26) = Ammo Pac 52mm (26mm)

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
OK	500 Volts
OL	700 Volts
OM	1000 Volts
ON	1000 Volts

### STOCK PART NUMBERS FOR STANDARD RESISTANCE VALUES

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