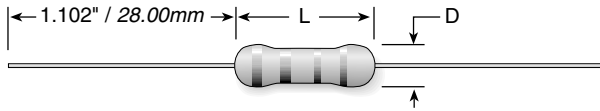


# Little Rebel®

## 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

**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: R58 = Tape & Reel 58mm)  
A52(26) = Ammo Pac 52mm (26mm)

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

RoHS Compliant

### STANDARD PART NUMBERS FOR STANDARD RESISTANCE VALUES

Ohmic value	Part No. Prefix Suffix	Wattage					Ohmic value	Part No. Prefix Suffix	Wattage					Ohmic value	Part No. Prefix Suffix	Wattage					Ohmic value	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							
1	10G5	✓	✓	✓	✓	✓	30	30G5	✓	✓	✓	✓	✓	820	82G5	✓	✓	✓	✓	✓	24,000	24G5	✓	✓	✓	✓	✓	680,000	68G5	✓	✓	✓	✓	✓
1.1	11G5	✓	✓	✓	✓	✓	33	33G5	✓	✓	✓	✓	✓	910	91G5	✓	✓	✓	✓	✓	27,000	27G5	✓	✓	✓	✓	✓	750,000	75G5	✓	✓	✓	✓	✓
1.2	12G5	✓	✓	✓	✓	✓	36	36G5	✓	✓	✓	✓	✓	1,000	10G5	✓	✓	✓	✓	✓	30,000	30G5	✓	✓	✓	✓	✓	820,000	82G5	✓	✓	✓	✓	✓
1.3	13G5	✓	✓	✓	✓	✓	39	39G5	✓	✓	✓	✓	✓	1,100	11G5	✓	✓	✓	✓	✓	33,000	33G5	✓	✓	✓	✓	✓	910,000	91G5	✓	✓	✓	✓	✓
1.5	15G5	✓	✓	✓	✓	✓	43	43G5	✓	✓	✓	✓	✓	1,200	12G5	✓	✓	✓	✓	✓	36,000	36G5	✓	✓	✓	✓	✓	1 MEG	10G5	✓	✓	✓	✓	✓
1.6	16G5	✓	✓	✓	✓	✓	47	47G5	✓	✓	✓	✓	✓	1,300	13G5	✓	✓	✓	✓	✓	39,000	39G5	✓	✓	✓	✓	✓	1.1 MEG	11G5	✓	✓	✓	✓	✓
1.8	18G5	✓	✓	✓	✓	✓	51	51G5	✓	✓	✓	✓	✓	1,500	15G5	✓	✓	✓	✓	✓	43,000	43G5	✓	✓	✓	✓	✓	1.2 MEG	12G5	✓	✓	✓	✓	✓
2.0	20G5	✓	✓	✓	✓	✓	56	56G5	✓	✓	✓	✓	✓	1,600	16G5	✓	✓	✓	✓	✓	47,000	47G5	✓	✓	✓	✓	✓	1.3 MEG	13G5	✓	✓	✓	✓	✓
2.2	22G5	✓	✓	✓	✓	✓	62	62G5	✓	✓	✓	✓	✓	1,800	18G5	✓	✓	✓	✓	✓	51,000	51G5	✓	✓	✓	✓	✓	1.5 MEG	15G5	✓	✓	✓	✓	✓
2.4	24G5	✓	✓	✓	✓	✓	68	68G5	✓	✓	✓	✓	✓	2,000	20G5	✓	✓	✓	✓	✓	56,000	56G5	✓	✓	✓	✓	✓	1.6 MEG	16G5	✓	✓	✓	✓	✓
2.7	27G5	✓	✓	✓	✓	✓	75	75G5	✓	✓	✓	✓	✓	2,200	22G5	✓	✓	✓	✓	✓	62,000	62G5	✓	✓	✓	✓	✓	1.8 MEG	18G5	✓	✓	✓	✓	✓
3.0	30G5	✓	✓	✓	✓	✓	82	82G5	✓	✓	✓	✓	✓	2,400	24G5	✓	✓	✓	✓	✓	68,000	68G5	✓	✓	✓	✓	✓	2.0 MEG	20G5	✓	✓	✓	✓	✓
3.3	33G5	✓	✓	✓	✓	✓	91	91G5	✓	✓	✓	✓	✓	2,700	27G5	✓	✓	✓	✓	✓	75,000	75G5	✓	✓	✓	✓	✓	2.2 MEG	22G5	✓	✓	✓	✓	✓
3.6	36G5	✓	✓	✓	✓	✓	100	10G5	✓	✓	✓	✓	✓	3,000	30G5	✓	✓	✓	✓	✓	82,000	82G5	✓	✓	✓	✓	✓	2.4 MEG	24G5	✓	✓	✓	✓	✓
3.9	39G5	✓	✓	✓	✓	✓	110	11G5	✓	✓	✓	✓	✓	3,300	33G5	✓	✓	✓	✓	✓	91,000	91G5	✓	✓	✓	✓	✓	2.7 MEG	27G5	✓	✓	✓	✓	✓
4.3	43G5	✓	✓	✓	✓	✓	120	12G5	✓	✓	✓	✓	✓	3,600	36G5	✓	✓	✓	✓	✓	100,000	10G5	✓	✓	✓	✓	✓	3.0 MEG	30G5	✓	✓	✓	✓	✓
4.7	47G5	✓	✓	✓	✓	✓	130	13G5	✓	✓	✓	✓	✓	3,900	39G5	✓	✓	✓	✓	✓	110,000	11G5	✓	✓	✓	✓	✓	3.3 MEG	33G5	✓	✓	✓	✓	✓
5.1	51G5	✓	✓	✓	✓	✓	150	15G5	✓	✓	✓	✓	✓	4,300	43G5	✓	✓	✓	✓	✓	120,000	12G5	✓	✓	✓	✓	✓	3.6 MEG	36G5	✓	✓	✓	✓	✓
5.6	56G5	✓	✓	✓	✓	✓	160	16G5	✓	✓	✓	✓	✓	4,700	47G5	✓	✓	✓	✓	✓	130,000	13G5	✓	✓	✓	✓	✓	3.9 MEG	39G5	✓	✓	✓	✓	✓
6.2	62G5	✓	✓	✓	✓	✓	180	18G5	✓	✓	✓	✓	✓	5,100	51G5	✓	✓	✓	✓	✓	150,000	15G5	✓	✓	✓	✓	✓	4.3 MEG	43G5	✓	✓	✓	✓	✓
6.8	68G5	✓	✓	✓	✓	✓	200	20G5	✓	✓	✓	✓	✓	5,600	56G5	✓	✓	✓	✓	✓	160,000	16G5	✓	✓	✓	✓	✓	4.7 MEG	47G5	✓	✓	✓	✓	✓
7.5	75G5	✓	✓	✓	✓	✓	220	22G5	✓	✓	✓	✓	✓	6,200	62G5	✓	✓	✓	✓	✓	180,000	18G5	✓	✓	✓	✓	✓	5.1 MEG	51G5	✓	✓	✓	✓	✓
8.2	82G5	✓	✓	✓	✓	✓	240	24G5	✓	✓	✓	✓	✓	6,800	68G5	✓	✓	✓	✓	✓	200,000	20G5	✓	✓	✓	✓	✓	5.6 MEG	56G5	✓	✓	✓	✓	✓
9.1	91G5	✓	✓	✓	✓	✓	270	27G5	✓	✓	✓	✓	✓	7,500	75G5	✓	✓	✓	✓	✓	220,000	22G5	✓	✓	✓	✓	✓	6.2 MEG	62G5	✓	✓	✓	✓	✓
10	10G5	✓	✓	✓	✓	✓	330	33G5	✓	✓	✓	✓	✓	8,200	82G5	✓	✓	✓	✓	✓	240,000	24G5	✓	✓	✓	✓	✓	6.8 MEG	68G5	✓	✓	✓	✓	✓
11	11G5	✓	✓	✓	✓	✓	350	35G5	✓	✓	✓	✓	✓	9,100	91G5	✓	✓	✓	✓	✓	270,000	27G5	✓	✓	✓	✓	✓	7.5 MEG	75G5	✓	✓	✓	✓	✓
12	12G5	✓	✓	✓	✓	✓	360	36G5	✓	✓	✓	✓	✓	10,000	10G5	✓	✓	✓	✓	✓	300,000	30G5	✓	✓	✓	✓	✓	8.2 MEG	82G5	✓	✓	✓	✓	✓
13	13G5	✓	✓	✓	✓	✓	390	39G5	✓	✓	✓	✓	✓	11,000	11G5	✓	✓	✓	✓	✓	330,000	33G5	✓	✓	✓	✓	✓	9.1 MEG	91G5	✓	✓	✓	✓	✓
15	15G5	✓	✓	✓	✓	✓	430	43G5	✓	✓	✓	✓	✓	12,000	12G5	✓	✓	✓	✓	✓	360,000	36G5	✓	✓	✓	✓	✓	10 MEG	10G5	✓	✓	✓	✓	✓
16	16G5	✓	✓	✓	✓	✓	470	47G5	✓	✓	✓	✓	✓	13,000	13G5	✓	✓	✓	✓	✓	390,000	39G5	✓	✓	✓	✓	✓							
18	18G5	✓	✓	✓	✓	✓	510	51G5	✓	✓	✓	✓	✓	15,000	15G5	✓	✓	✓	✓	✓	430,000	43G5	✓	✓	✓	✓	✓							
20	20G5	✓	✓	✓	✓	✓	560	56G5	✓	✓	✓	✓	✓	16,000	16G5	✓	✓	✓	✓	✓	470,000	47G5	✓	✓	✓	✓	✓							
22	22G5	✓	✓	✓	✓	✓	620	62G5	✓	✓	✓	✓	✓	18,000	18G5	✓	✓	✓	✓	✓	510,000	51G5	✓	✓	✓	✓	✓							
24	24G5	✓	✓	✓	✓	✓	680	68G5	✓	✓	✓	✓	✓	20,000	20G5	✓	✓	✓	✓	✓	560,000	56G5	✓	✓	✓	✓	✓							
27	27G5	✓	✓	✓	✓	✓	750	75G5	✓	✓	✓	✓	✓	22,000	22G5	✓	✓	✓	✓	✓	620,000	62G5	✓	✓	✓	✓	✓							