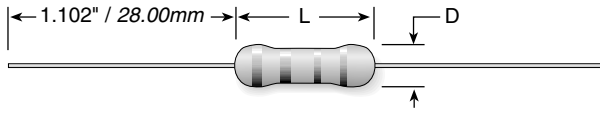


Little Rebel®

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

RoHS Compliant

O J 1 0 3 5 E - R 5 2

| | | |
|--|--|--|
| <p>Series Selected from Specification Chart</p> | <p>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</p> | <p>Packaging Code R52 = Tape & Reel 52mm (except ON: R58 = Tape & Reel 58mm) A52(26) = Ammo Pac 52mm (26mm)</p> |
|--|--|--|

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 |
| 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 | ✓ | ✓ | ✓ | ✓ | | | | | | |