

Ohmite's Little Devils are small, reliable carbon composition resistors with exceptional strength. They are made tough by a molding process that combines the leads, insulation and resistive element into an integrated unit. Along with their small size, Little Devils perform with low noise, dissipate heat rapidly and offer high temperature stability.

Color codes are readable even after prolonged use thanks to a very durable coating that resists abrasions and chipping normally associated with automatic insertion equipment.

All Little Devil resistors meet or exceed strict MIL-R-11 specifications.

** NOTE: OB, OC, OE, OG, and OH series not recommended for new designs. Discontinued once inventory is depleted. Substitute Little Demons (Pg. 52) or OX/OY Series (Pg. 53)*

FEATURES

- Meets all stringent MIL-R-11 requirements.
- Molded insulation for high dielectric strength.
- Rugged construction.
- In accordance with "Mil" RC05—RC07—RC20—RC32—RC42 types.
- Available in Resistor Cabinet Assortments & 100pc packs.
- 24 Values per decade.
- High surge capabilities.

SPECIFICATIONS

Material

Terminals: Solder-coated copper lead.

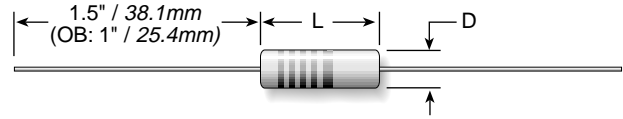
Derating: Linearly from 100% @ +70°C to 0% @ 150°C (0.125 watt 130°C)

Electrical

Tolerance: ±5%.

Little Devil®

Carbon Composition Molded Resistors
5% Tolerance
Available in E24 Ohmic values



| Series | Wattage | Ohms | Dimensions (in. / mm) | | Voltage | Dielectric VAC | Lead Diameter |
|------------|---------|---------|-----------------------|-------------|---------|----------------|---------------|
| | | | Length | Diam. | | | |
| OB* (RC05) | 0.125 | 2.7-22M | 0.160 / 4.1 | 0.066 / 1.7 | 150 | 300 | .018/.46 |
| OC* (RC07) | 0.250 | 2.7-22M | 0.265 / 7.7 | 0.098 / 2.5 | 250 | 500 | .027/.69 |
| OE* (RC20) | 0.500 | 1.0-22M | 0.406 / 10.3 | 0.148 / 3.8 | 350 | 700 | .035/.89 |
| OG* (RC32) | 1.00 | 1.0-22M | 0.593 / 15.1 | 0.233 / 5.9 | 500 | 1000 | .043/1.09 |
| OH* (RC42) | 2.00 | 1.0-22M | 0.719 / 18.3 | 0.320 / 8.1 | 500 | 1500 | .048/1.22 |

STOCK 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 | ✓ | ✓ | ✓ | ✓ | ✓ | 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 | ✓ | ✓ | ✓ | ✓ | ✓ | 11 MEG | —1165 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 2.7 | —27G5 | ✓ | ✓ | ✓ | ✓ | ✓ | 120 | —1215 | ✓ | ✓ | ✓ | ✓ | ✓ | 5,600 | —5625 | ✓ | ✓ | ✓ | ✓ | ✓ | 270,000 | —2745 | ✓ | ✓ | ✓ | ✓ | ✓ | 12 MEG | —1265 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3.0 | —30G5 | ✓ | ✓ | ✓ | ✓ | ✓ | 130 | —1315 | ✓ | ✓ | ✓ | ✓ | ✓ | 6,200 | —6225 | ✓ | ✓ | ✓ | ✓ | ✓ | 300,000 | —3045 | ✓ | ✓ | ✓ | ✓ | ✓ | 13 MEG | —1365 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3.3 | —33G5 | ✓ | ✓ | ✓ | ✓ | ✓ | 150 | —1515 | ✓ | ✓ | ✓ | ✓ | ✓ | 6,800 | —6825 | ✓ | ✓ | ✓ | ✓ | ✓ | 330,000 | —3345 | ✓ | ✓ | ✓ | ✓ | ✓ | 15 MEG | —1565 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3.6 | —36G5 | ✓ | ✓ | ✓ | ✓ | ✓ | 160 | —1615 | ✓ | ✓ | ✓ | ✓ | ✓ | 7,500 | —7525 | ✓ | ✓ | ✓ | ✓ | ✓ | 360,000 | —3645 | ✓ | ✓ | ✓ | ✓ | ✓ | 16 MEG | —1665 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3.9 | —39G5 | ✓ | ✓ | ✓ | ✓ | ✓ | 180 | —1815 | ✓ | ✓ | ✓ | ✓ | ✓ | 8,200 | —8225 | ✓ | ✓ | ✓ | ✓ | ✓ | 390,000 | —3945 | ✓ | ✓ | ✓ | ✓ | ✓ | 18 MEG | —1865 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 4.3 | —43G5 | ✓ | ✓ | ✓ | ✓ | ✓ | 200 | —2015 | ✓ | ✓ | ✓ | ✓ | ✓ | 9,100 | —9125 | ✓ | ✓ | ✓ | ✓ | ✓ | 430,000 | —4345 | ✓ | ✓ | ✓ | ✓ | ✓ | 20 MEG | —2065 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 4.7 | —47G5 | ✓ | ✓ | ✓ | ✓ | ✓ | 220 | —2215 | ✓ | ✓ | ✓ | ✓ | ✓ | 10,000 | —1035 | ✓ | ✓ | ✓ | ✓ | ✓ | 470,000 | —4745 | ✓ | ✓ | ✓ | ✓ | ✓ | 22 MEG | —2265 | ✓ | ✓ | ✓ | ✓ | ✓ |
| 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 | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |