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.

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.

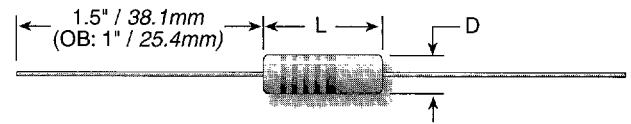**Derating:** Linearly from 100% @ +70°C to 0% @ 150°C (0.125 watt 130°C)

ELECTRICAL

Tolerance: ±5%.

NOTE: OB, OC, OE, OG, and OH series not recommended for new designs. Discontinued once inventory is depleted. Substitute Little Demons (Pg. 27) or OX/OY Series (Pg. 28)

Little Devil®

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

1.5" / 38.1mm (OB: 1" / 25.4mm) ← L → D

Series	Wattage	Ohms	Dimensions (in. / mm) Length	Diam.	Dielectric Voltage	VAC	Lead Diameter
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

Wattage columns: OB (0.125), OC (0.25), OE (0.50), OG (1.0), OH (2.0)

Ohmic value	Part No. Suffix	OB 0.125	OC 0.25	OE 0.50	OG 1.0	OH 2.0
1	10G5		✓	✓	✓	
1.1	11G5		✓	✓	✓	
1.2	12G5		✓	✓	✓	
1.3	13G5		✓	✓	✓	
1.5	15G5		✓	✓	✓	
1.6	16G5		✓	✓	✓	
1.8	18G5		✓	✓	✓	
2.0	20G5		✓	✓	✓	
2.2	22G5		✓	✓	✓	
2.4	24G5		✓	✓	✓	
2.7	27G5	✓	✓	✓	✓	✓
3.0	30G5	✓	✓	✓	✓	✓
3.3	33G5	✓	✓	✓	✓	✓
3.6	36G5	✓	✓	✓	✓	✓
3.9	39G5	✓	✓	✓	✓	✓
4.3	43G5	✓	✓	✓	✓	✓
4.7	47G5	✓	✓	✓	✓	✓
5.1	51G5	✓	✓	✓	✓	✓
5.6	56G5	✓	✓	✓	✓	✓
6.2	62G5	✓	✓	✓	✓	✓
6.8	68G5	✓	✓	✓	✓	✓
7.5	75G5	✓	✓	✓	✓	✓
8.2	82G5	✓	✓	✓	✓	✓
9.1	91G5	✓	✓	✓	✓	✓
10	1005	✓	✓	✓	✓	✓
11	1105	✓	✓	✓	✓	✓
12	1205	✓	✓	✓	✓	✓
13	1305	✓	✓	✓	✓	✓
15	1505	✓	✓	✓	✓	✓
16	1605	✓	✓	✓	✓	✓
18	1805	✓	✓	✓	✓	✓
20	2005	✓	✓	✓	✓	✓
22	2205	✓	✓	✓	✓	✓
24	2405	✓	✓	✓	✓	✓
27	2705	✓	✓	✓	✓	✓
30	3005	✓	✓	✓	✓	✓
33	3305	✓	✓	✓	✓	✓
36	3605	✓	✓	✓	✓	✓
39	3905	✓	✓	✓	✓	✓
43	4305	✓	✓	✓	✓	✓

Ohmic value	Part No. Suffix	OB 0.125	OC 0.25	OE 0.50	OG 1.0	OH 2.0
47	4705	✓	✓	✓	✓	✓
51	5105	✓	✓	✓	✓	✓
56	5605	✓	✓	✓	✓	✓
62	6205	✓	✓	✓	✓	✓
68	6805	✓	✓	✓	✓	✓
75	7505	✓	✓	✓	✓	✓
82	8205	✓	✓	✓	✓	✓
91	9105	✓	✓	✓	✓	✓
100	1015	✓	✓	✓	✓	✓
110	1115	✓	✓	✓	✓	✓
120	1215	✓	✓	✓	✓	✓
130	1315	✓	✓	✓	✓	✓
150	1515	✓	✓	✓	✓	✓
160	1615	✓	✓	✓	✓	✓
180	1815	✓	✓	✓	✓	✓
200	2015	✓	✓	✓	✓	✓
220	2215	✓	✓	✓	✓	✓
240	2415	✓	✓	✓	✓	✓
270	2715	✓	✓	✓	✓	✓
330	3315	✓	✓	✓	✓	✓
350	3515	✓	✓	✓	✓	✓
360	3615	✓	✓	✓	✓	✓
390	3915	✓	✓	✓	✓	✓
430	4315	✓	✓	✓	✓	✓
470	4715	✓	✓	✓	✓	✓
510	5115	✓	✓	✓	✓	✓
560	5615	✓	✓	✓	✓	✓
620	6215	✓	✓	✓	✓	✓
680	6815	✓	✓	✓	✓	✓
750	7515	✓	✓	✓	✓	✓
820	8215	✓	✓	✓	✓	✓
910	9115	✓	✓	✓	✓	✓
1,000	1025	✓	✓	✓	✓	✓
1,100	1125	✓	✓	✓	✓	✓
1,200	1225	✓	✓	✓	✓	✓
1,300	1325	✓	✓	✓	✓	✓
1,500	1525	✓	✓	✓	✓	✓
1,600	1625	✓	✓	✓	✓	✓
1,800	1825	✓	✓	✓	✓	✓
2,000	2025	✓	✓	✓	✓	✓

Ohmic value	Part No. Suffix	OB 0.125	OC 0.25	OE 0.50	OG 1.0	OH 2.0
2,200	2225	✓	✓	✓	✓	✓
2,400	2425	✓	✓	✓	✓	✓
2,700	2725	✓	✓	✓	✓	✓
3,000	3025	✓	✓	✓	✓	✓
3,300	3325	✓	✓	✓	✓	✓
3,600	3625	✓	✓	✓	✓	✓
3,900	3925	✓	✓	✓	✓	✓
4,300	4325	✓	✓	✓	✓	✓
4,700	4725	✓	✓	✓	✓	✓
5,100	5125	✓	✓	✓	✓	✓
5,600	5625	✓	✓	✓	✓	✓
6,200	6225	✓	✓	✓	✓	✓
6,800	6825	✓	✓	✓	✓	✓
7,500	7525	✓	✓	✓	✓	✓
8,200	8225	✓	✓	✓	✓	✓
9,100	9125	✓	✓	✓	✓	✓
10,000	1035	✓	✓	✓	✓	✓
11,000	1135	✓	✓	✓	✓	✓
12,000	1235	✓	✓	✓	✓	✓
13,000	1335	✓	✓	✓	✓	✓
15,000	1535	✓	✓	✓	✓	✓
16,000	1635	✓	✓	✓	✓	✓
18,000	1835	✓	✓	✓	✓	✓
20,000	2035	✓	✓	✓	✓	✓
22,000	2235	✓	✓	✓	✓	✓
24,000	2435	✓	✓	✓	✓	✓
27,000	2735	✓	✓	✓	✓	✓
30,000	3035	✓	✓	✓	✓	✓
33,000	3335	✓	✓	✓	✓	✓
36,000	3635	✓	✓	✓	✓	✓
39,000	3935	✓	✓	✓	✓	✓
43,000	4335	✓	✓	✓	✓	✓
47,000	4735	✓	✓	✓	✓	✓
51,000	5135	✓	✓	✓	✓	✓
56,000	5635	✓	✓	✓	✓	✓
62,000	6235	✓	✓	✓	✓	✓
68,000	6835	✓	✓	✓	✓	✓
75,000	7535	✓	✓	✓	✓	✓
82,000	8235	✓	✓	✓	✓	✓
91,000	9135	✓	✓	✓	✓	✓

Ohmic value	Part No. Suffix	OB 0.125	OC 0.25	OE 0.50	OG 1.0	OH 2.0
100,000	1045	✓	✓	✓	✓	✓
110,000	1145	✓	✓	✓	✓	
120,000	1245	✓	✓	✓	✓	
130,000	1345	✓	✓	✓	✓	
150,000	1545	✓	✓	✓	✓	
160,000	1645	✓	✓	✓	✓	
180,000	1845	✓	✓	✓	✓	
200,000	2045	✓	✓	✓	✓	
220,000	2245	✓	✓	✓	✓	
240,000	2445	✓	✓	✓	✓	
270,000	2745	✓	✓	✓	✓	
300,000	3045	✓	✓	✓	✓	
330,000	3345	✓	✓	✓	✓	
360,000	3645	✓	✓	✓	✓	
390,000	3945	✓	✓	✓	✓	
430,000	4345	✓	✓	✓	✓	
470,000	4745	✓	✓	✓	✓	
510,000	5145	✓	✓	✓	✓	
560,000	5645	✓	✓	✓	✓	
620,000	6245	✓	✓	✓	✓	
680,000	6845	✓	✓	✓	✓	
750,000	7545	✓	✓	✓	✓	
820,000	8245	✓	✓	✓	✓	
910,000	9145	✓	✓	✓	✓	
1 MEG	1055	✓	✓	✓	✓	
1.1 MEG	1155	✓	✓	✓	✓	
1.2 MEG	1255	✓	✓	✓	✓	
1.3 MEG	1355	✓	✓	✓	✓	
1.5 MEG	1555	✓	✓	✓	✓	
1.6 MEG	1655	✓	✓	✓	✓	
1.8 MEG	1855	✓	✓	✓	✓	
2.0 MEG	2055	✓	✓	✓	✓	
2.2 MEG	2255	✓	✓	✓	✓	
2.4 MEG	2455	✓	✓	✓	✓	
2.7 MEG	2755	✓	✓	✓	✓	
3.0 MEG	3055		✓	✓	✓	
3.3 MEG	3355		✓	✓	✓	
3.6 MEG	3655		✓	✓	✓	
3.9 MEG	3955		✓	✓	✓	
4.3 MEG	4355		✓	✓	✓	

Ohmic value	Part No. Suffix	OB 0.125	OC 0.25	OE 0.50	OG 1.0	OH 2.0
4.7 MEG	4755	✓	✓	✓	✓	✓
5.1 MEG	5155	✓	✓	✓	✓	✓
5.6 MEG	5655	✓	✓	✓	✓	✓
6.2 MEG	6255	✓	✓	✓	✓	✓
6.8 MEG	6855	✓	✓	✓	✓	✓
7.5 MEG	7555	✓	✓	✓	✓	✓
8.2 MEG	8255	✓	✓	✓	✓	✓
9.1 MEG	9155	✓	✓	✓	✓	✓
10 MEG	1065	✓	✓	✓	✓	✓
11 MEG	1165	✓	✓	✓	✓	✓
12 MEG	1265	✓	✓	✓	✓	✓
13 MEG	1365	✓	✓	✓	✓	✓
15 MEG	1565	✓	✓	✓	✓	✓
16 MEG	1665	✓	✓	✓	✓	✓
18 MEG	1865	✓	✓	✓	✓	✓
20 MEG	2065	✓	✓	✓	✓	✓
22 MEG	2265	✓	✓	✓	✓	✓