

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.

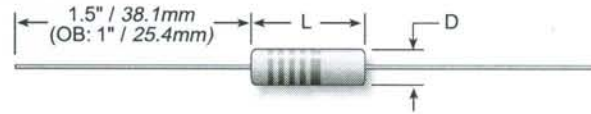
**Derating:** Linearly from 100% @ +70°C to 0% @ 150°C (0.125 watt 130°C)

#### 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	Wattage					Ohmic value	Wattage					Ohmic value	Wattage					Ohmic value	Wattage										
	Part No. Prefix → Suffix ↓	OB	OC	OE	OG		OH	Part No. Prefix → Suffix ↓	OB	OC	OE		OG	OH	Part No. Prefix → Suffix ↓	OB	OC		OE	OG	OH	Part No. Prefix → Suffix ↓	OB	OC	OE	OG	OH		
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	✓	✓	✓	✓						