

## FEATURES

- Molded insulation for high dielectric strength.
- Rugged construction.
- Available in Resistor Cabinet Assortments & 100 pc packs.
- High surge capabilities.
- Comparable to "Mil" RC07, RC20, and RC32 types.

## SPECIFICATIONS

### Material

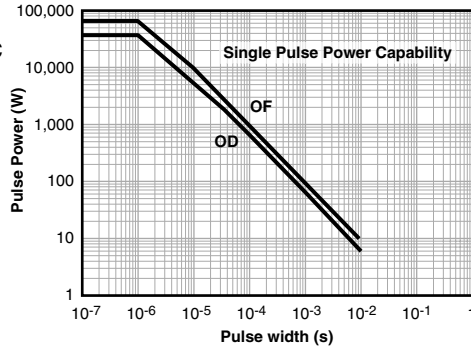
**Terminals:** Solder-coated copper lead.

**Body:** Molded Phenolic

### Electrical

**Tolerance:** ±5% (OD/OF); ±10% (OA)

**Derating:** Linearly from 100% @ +70°C to 0% @ 130°C

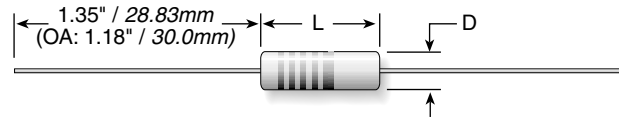


Ohmite's Little Demons are small, reliable carbon composition resistors with exceptional strength. They are made tough by a molding process that combines the leads, insulation and resistive element into an integrated unit. Along with their small size, Little Demons perform with low noise, dissipate heat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

# Little Demon®

## Carbon Composition Molded Resistors OD/OF Series - 5% Tolerance OA Series -10% Tolerance



Series	Wattage	Ohms	Dimensions (in. / mm)		Max. Dielectric		
			Length	Max Diam.	Voltage	VAC	Lead Dia.
OD	0.25	2.2-5.6M	0.276 / 7.0	0.098 / 2.5	250	500	.027 / .69
OF	0.50	2.2-20M	0.406 / 10.3	0.150 / 3.8	350	700	.029 / .75
OA	1.00	2.2-1M	0.591 / 15.0	0.236 / 6.0	500	1000	.035 / .92

## ORDERING INFORMATION

E = RoHS compliant  
Available Jan. 2006

**OD 683 J E**

Series	Ohms	Tolerance
OD	68G = 6.8	J = 5%
OF	680 = 68	K = 10%
OA	681 = 680	
	682 = 6,800	
	683 = 68,000	
	684 = 680,000	

## STOCK PART NUMBERS FOR STANDARD RESISTANCE VALUES

Ohmic value	Part No. Prefix	Wattage			Ohmic value	Part No. Prefix	Wattage			Ohmic value	Part No. Prefix	Wattage			Ohmic value	Part No. Prefix	Wattage							
		0.25	0.50	1.0			0.25	0.50	1.0			0.25	0.50	1.0			0.25	0.50	1.0					
2.2		✓	✓	✓	56		✓	✓	✓	1,600		✓	✓	✓	47,000		✓	✓	✓	1.3 MEG		✓	✓	✓
2.4		✓	✓	✓	62		✓	✓	✓	1,800		✓	✓	✓	51,000		✓	✓	✓	1.5 MEG		✓	✓	✓
2.7		✓	✓	✓	68		✓	✓	✓	2,000		✓	✓	✓	56,000		✓	✓	✓	1.6 MEG		✓	✓	✓
3		✓	✓	✓	75		✓	✓	✓	2,200		✓	✓	✓	62,000		✓	✓	✓	1.8 MEG		✓	✓	✓
3.3		✓	✓	✓	82		✓	✓	✓	2,400		✓	✓	✓	68,000		✓	✓	✓	2.0 MEG		✓	✓	✓
3.6		✓	✓	✓	91		✓	✓	✓	2,700		✓	✓	✓	75,000		✓	✓	✓	2.2 MEG		✓	✓	✓
3.9		✓	✓	✓	100		✓	✓	✓	3,000		✓	✓	✓	82,000		✓	✓	✓	2.4 MEG		✓	✓	✓
4.3		✓	✓	✓	110		✓	✓	✓	3,300		✓	✓	✓	91,000		✓	✓	✓	2.7 MEG		✓	✓	✓
4.7		✓	✓	✓	120		✓	✓	✓	3,600		✓	✓	✓	100,000		✓	✓	✓	3.0 MEG		✓	✓	✓
5.1		✓	✓	✓	130		✓	✓	✓	3,900		✓	✓	✓	110,000		✓	✓	✓	3.3 MEG		✓	✓	✓
5.6		✓	✓	✓	150		✓	✓	✓	4,300		✓	✓	✓	120,000		✓	✓	✓	3.6 MEG		✓	✓	✓
6.2		✓	✓	✓	160		✓	✓	✓	4,700		✓	✓	✓	130,000		✓	✓	✓	3.9 MEG		✓	✓	✓
6.8		✓	✓	✓	180		✓	✓	✓	5,100		✓	✓	✓	150,000		✓	✓	✓	4.3 MEG		✓	✓	✓
7.5		✓	✓	✓	200		✓	✓	✓	5,600		✓	✓	✓	160,000		✓	✓	✓	4.7 MEG		✓	✓	✓
8.2		✓	✓	✓	220		✓	✓	✓	6,200		✓	✓	✓	180,000		✓	✓	✓	5.1 MEG		✓	✓	✓
9.1		✓	✓	✓	240		✓	✓	✓	6,800		✓	✓	✓	200,000		✓	✓	✓	5.6 MEG		✓	✓	✓
10		✓	✓	✓	270		✓	✓	✓	7,500		✓	✓	✓	220,000		✓	✓	✓	6.2 MEG		✓	✓	✓
11		✓	✓	✓	300		✓	✓	✓	8,200		✓	✓	✓	240,000		✓	✓	✓	6.8 MEG		✓	✓	✓
12		✓	✓	✓	330		✓	✓	✓	9,100		✓	✓	✓	270,000		✓	✓	✓	7.5 MEG		✓	✓	✓
13		✓	✓	✓	360		✓	✓	✓	10,000		✓	✓	✓	300,000		✓	✓	✓	8.2 MEG		✓	✓	✓
15		✓	✓	✓	390		✓	✓	✓	11,000		✓	✓	✓	330,000		✓	✓	✓	9.1 MEG		✓	✓	✓
16		✓	✓	✓	430		✓	✓	✓	12,000		✓	✓	✓	360,000		✓	✓	✓	10 MEG		✓	✓	✓
18		✓	✓	✓	470		✓	✓	✓	13,000		✓	✓	✓	390,000		✓	✓	✓	11 MEG		✓	✓	✓
20		✓	✓	✓	510		✓	✓	✓	15,000		✓	✓	✓	430,000		✓	✓	✓	12 MEG		✓	✓	✓
22		✓	✓	✓	560		✓	✓	✓	16,000		✓	✓	✓	470,000		✓	✓	✓	13 MEG		✓	✓	✓
24		✓	✓	✓	620		✓	✓	✓	18,000		✓	✓	✓	510,000		✓	✓	✓	15 MEG		✓	✓	✓
27		✓	✓	✓	680		✓	✓	✓	20,000		✓	✓	✓	560,000		✓	✓	✓	16 MEG		✓	✓	✓
30		✓	✓	✓	750		✓	✓	✓	22,000		✓	✓	✓	620,000		✓	✓	✓	18 MEG		✓	✓	✓
33		✓	✓	✓	820		✓	✓	✓	24,000		✓	✓	✓	680,000		✓	✓	✓	20 MEG		✓	✓	✓
36		✓	✓	✓	910		✓	✓	✓	27,000		✓	✓	✓	750,000		✓	✓	✓			✓	✓	✓
39		✓	✓	✓	1,000		✓	✓	✓	30,000		✓	✓	✓	820,000		✓	✓	✓			✓	✓	✓
43		✓	✓	✓	1,100		✓	✓	✓	33,000		✓	✓	✓	910,000		✓	✓	✓			✓	✓	✓
47		✓	✓	✓	1,200		✓	✓	✓	36,000		✓	✓	✓	1 MEG		✓	✓	✓			✓	✓	✓
51		✓	✓	✓	1,300		✓	✓	✓	39,000		✓	✓	✓	1.1 MEG		✓	✓	✓			✓	✓	✓
		✓	✓	✓	1,500		✓	✓	✓	43,000		✓	✓	✓	1.2 MEG		✓	✓	✓			✓	✓	✓