

Ohmite's Little Demons are small, reliable carbon composition resistors with exceptional strength. They are made tough by a molding process that combines the terminals, 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.

FEATURES

- Molded insulation for high dielectric strength.
- Rugged construction.
- High surge capabilities.
- Comparable to "Mil" RC07, RC20, and RC32 types.

SPECIFICATIONS

Material

Terminals: Solder-coated copper terminal.

Body: Molded Phenolic

ORDERING INFO

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

Electrical

Tolerance:

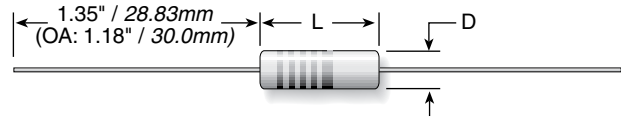
±5% (OD/OF);
±10% (OA)

Derating:

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

Little Demon®

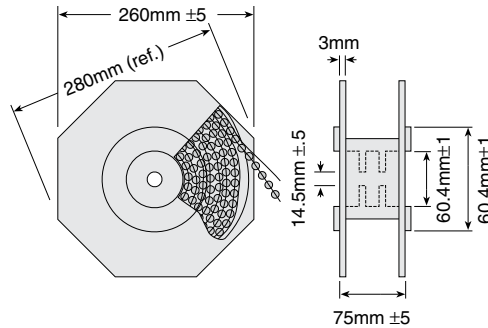
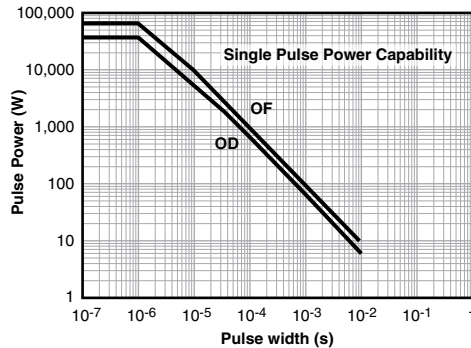
Carbon Composition Molded OD/OF Series (5% Tol.) OA Series (10%)



Series	Wattage	Ohms	Tol.	Dimensions (in. / mm)		Max. Dielectric		
				Length	Max Diam.	Voltage	VAC	Lead Dia.
OD	0.25	2.2-5.6M	±5%	0.276 / 7.0	0.098 / 2.5	250	500	0.024/0.60
OF	0.50	2.2-20M	±5%	0.406 / 10.3	0.150 / 3.8	350	700	0.028/0.70
OA	1.00	2.2-1M	±10%	0.591 / 15.0	0.236 / 6.0	500	1000	0.035/0.92

PACKAGING

For complete Little Demon tape and reel dimensions, see: <http://www.ohmite.com/info/little-demon>



Tape/Reel	OD	OF
Qty./reel	5000	3000
Reel size (mm)	260	260
Qty./carton	40,000	24,000
Gross carton wt. (kg)	12	13
Carton size (m³)	0.04	0.04
Ammo Box	OD	OF
Tape width (mm)	52	52
Qty./box	2000	2000
Qty./carton	30,000	30,000
Gross carton wt. (kg)	10	16
Carton size (m³)	0.03	0.05

STANDARD PART NUMBERS FOR LITTLE DEMON SERIES

Ohmic value		Wattage				Ohmic value		Wattage				Ohmic value		Wattage				Ohmic value		Wattage			
		Part No.	0.25	0.5	1.0			Part No.	0.25	0.5	1.0			Part No.	0.25	0.5	1.0			Part No.	0.25	0.5	1.0
Prefix	Suffix	OD	OF	OA	1.0	Prefix	Suffix	OD	OF	OA	1.0	Prefix	Suffix	OD	OF	OA	1.0	Prefix	Suffix	OD	OF	OA	1.0
2.2	22GJE	✓	✓	✓	✓	33	330JE	✓	✓	✓	✓	470	471JE	✓	✓	✓	✓	6800	682JE	✓	✓	✓	✓
2.4	24GJE	✓	✓	✓	✓	36	360JE	✓	✓	✓	✓	510	511JE	✓	✓	✓	✓	7500	752JE	✓	✓	✓	✓
2.7	27GJE	✓	✓	✓	✓	39	390JE	✓	✓	✓	✓	560	561JE	✓	✓	✓	✓	8200	822JE	✓	✓	✓	✓
3	30GJE	✓	✓	✓	✓	43	430JE	✓	✓	✓	✓	620	621JE	✓	✓	✓	✓	9100	912JE	✓	✓	✓	✓
3.3	33GJE	✓	✓	✓	✓	47	470JE	✓	✓	✓	✓	680	681JE	✓	✓	✓	✓	10,000	103JE	✓	✓	✓	✓
3.6	36GJE	✓	✓	✓	✓	51	510JE	✓	✓	✓	✓	750	751JE	✓	✓	✓	✓	11,000	113JE	✓	✓	✓	✓
3.9	39GJE	✓	✓	✓	✓	56	560JE	✓	✓	✓	✓	820	821JE	✓	✓	✓	✓	12,000	123JE	✓	✓	✓	✓
4.3	43GJE	✓	✓	✓	✓	62	620JE	✓	✓	✓	✓	910	911JE	✓	✓	✓	✓	13,000	133JE	✓	✓	✓	✓
4.7	47GJE	✓	✓	✓	✓	68	680JE	✓	✓	✓	✓	1000	102JE	✓	✓	✓	✓	15,000	153JE	✓	✓	✓	✓
5.1	51GJE	✓	✓	✓	✓	75	750JE	✓	✓	✓	✓	1100	112JE	✓	✓	✓	✓	16,000	163JE	✓	✓	✓	✓
5.6	56GJE	✓	✓	✓	✓	82	820JE	✓	✓	✓	✓	1200	122JE	✓	✓	✓	✓	18,000	183JE	✓	✓	✓	✓
6.2	62GJE	✓	✓	✓	✓	91	910JE	✓	✓	✓	✓	1300	132JE	✓	✓	✓	✓	20,000	203JE	✓	✓	✓	✓
6.8	68GJE	✓	✓	✓	✓	100	101JE	✓	✓	✓	✓	1500	152JE	✓	✓	✓	✓	22,000	223JE	✓	✓	✓	✓
7.5	75GJE	✓	✓	✓	✓	110	111JE	✓	✓	✓	✓	1600	162JE	✓	✓	✓	✓	24,000	243JE	✓	✓	✓	✓
8.2	82GJE	✓	✓	✓	✓	120	121JE	✓	✓	✓	✓	1800	182JE	✓	✓	✓	✓	27,000	273JE	✓	✓	✓	✓
9.1	91GJE	✓	✓	✓	✓	130	131JE	✓	✓	✓	✓	2000	202JE	✓	✓	✓	✓	30,000	303JE	✓	✓	✓	✓
10	100JE	✓	✓	✓	✓	150	151JE	✓	✓	✓	✓	2200	222JE	✓	✓	✓	✓	33,000	333JE	✓	✓	✓	✓
11	110JE	✓	✓	✓	✓	160	161JE	✓	✓	✓	✓	2400	242JE	✓	✓	✓	✓	36,000	363JE	✓	✓	✓	✓
12	120JE	✓	✓	✓	✓	180	181JE	✓	✓	✓	✓	2700	272JE	✓	✓	✓	✓	39,000	393JE	✓	✓	✓	✓
13	130JE	✓	✓	✓	✓	200	201JE	✓	✓	✓	✓	3000	302JE	✓	✓	✓	✓	43,000	433JE	✓	✓	✓	✓
15	150JE	✓	✓	✓	✓	220	221JE	✓	✓	✓	✓	3300	332JE	✓	✓	✓	✓	47,000	473JE	✓	✓	✓	✓
16	160JE	✓	✓	✓	✓	240	241JE	✓	✓	✓	✓	3600	362JE	✓	✓	✓	✓	51,000	513JE	✓	✓	✓	✓
18	180JE	✓	✓	✓	✓	270	271JE	✓	✓	✓	✓	3900	392JE	✓	✓	✓	✓	56,000	563JE	✓	✓	✓	✓
20	200JE	✓	✓	✓	✓	300	301JE	✓	✓	✓	✓	4300	432JE	✓	✓	✓	✓	62,000	623JE	✓	✓	✓	✓
22	220JE	✓	✓	✓	✓	330	331JE	✓	✓	✓	✓	4700	472JE	✓	✓	✓	✓	68,000	683JE	✓	✓	✓	✓
24	240JE	✓	✓	✓	✓	360	361JE	✓	✓	✓	✓	5100	512JE	✓	✓	✓	✓	75,000	753JE	✓	✓	✓	✓
27	270JE	✓	✓	✓	✓	390	391JE	✓	✓	✓	✓	5600	562JE	✓	✓	✓	✓	82,000	823JE	✓	✓	✓	✓
30	300JE	✓	✓	✓	✓	430	431JE	✓	✓	✓	✓	6200	622JE	✓	✓	✓	✓	91,000	913JE	✓	✓	✓	✓

* Shaded area: Change "J" in Suffix to "K"