



Resistors Rods

Resistor rods are available in a wide assortment of diameters and lengths to meet your application needs. Standard applications include high power loads, snubber circuit RF power amplifiers, and impulse voltage generators.



Wire Wound Resistors

Current Sensing Resistors

Precision Resistors

Power Film Resistors

High Voltage Resistors

Bulk Ceramic Resistors

Heaters

GENERAL SPECIFICATIONS

Model	Dimensions (Inches)		Resistance value [Ω]		Peak Power [W]	Peak Energy [Joules]	Peak Voltage (Maximum)
	Diameter	Length	Low	High			
83-RC02	0.500	2	9	40,000	4.7	1,800	10,000
83-RC04	0.500	4	17	81,000	9.4	3,700	20,000
83-RC06	0.500	6	25	122,000	14.1	5,600	40,000
83-RC08	0.500	8	33	162,000	18.8	7,500	60,000
83-RC10	0.500	10	41	203,000	23.6	9,400	80,000
83-RC12	0.500	12	49	244,000	28.3	11,300	100,000
83-RD02	0.75	2	4	18,000	10.6	4,200	10,000
83-RD04	0.75	4	8	36,000	21.2	8,400	20,000
83-RD06	0.75	6	11	54,000	31.8	12,700	40,000
83-RD08	0.75	8	15	72,000	42.4	16,900	60,000
83-RD10	0.75	10	19	90,000	53.0	21,200	80,000
83-RD12	0.75	12	22	108,000	63.6	25,400	100,000
83-RE02	1.0	2	3	10,000	18	7,500	10,000
83-RE04	1.0	4	5	20,000	37	15,000	20,000
83-RE06	1.0	6	7	30,000	56	22,600	40,000
83-RE08	1.0	8	9	40,000	75	30,100	60,000
83-RE10	1.0	10	11	50,000	94	37,600	80,000
83-RE12	1.0	12	13	61,000	113	45,200	100,000
83-RE14	1.0	14	15	71,000	131	52,700	120,000
83-RE16	1.0	16	17	81,000	150	60,300	140,000
83-RE18	1.0	18	18	91,600	169	67,800	160,000
83-RF02	1.5	2	1	4,500	40	16,000	10,000
83-RF04	1.5	4	2	9,000	80	33,000	20,000
83-RF06	1.5	6	3	13,500	125	50,000	40,000
83-RF08	1.5	8	4	18,000	165	67,000	60,000
83-RF10	1.5	10	5	22,000	210	84,000	80,000
83-RF12	1.5	12	6	27,000	250	101,000	100,000
83-RF14	1.5	14	7	31,000	290	118,000	120,000
83-RF16	1.5	16	8	36,000	335	135,000	140,000
83-RF18	1.5	18	9	40,000	380	152,000	160,000
83-RG02	1.625	2	0.9	3,800	44	19,000	10,000
83-RG04	1.625	4	1.7	7,700	95	39,000	20,000
83-RG06	1.625	6	2.5	11,500	145	59,000	40,000
83-RG08	1.625	8	3.3	15,400	195	79,000	60,000
83-RG10	1.625	10	4	19,200	245	99,000	80,000
83-RG12	1.625	12	4.8	23,100	295	119,000	100,000
83-RG14	1.625	14	5.6	27,000	345	139,000	120,000
83-RG16	1.625	16	6.3	30,800	395	159,000	140,000
83-RG18	1.625	18	6.9	34,700	445	179,000	160,000

*Note : Other length's available upon request

Part Number plus the resistance code is used for specifying a particular part. The resistance code is defined by the first two numbers of the resistance value, followed by a single number multiplier, and the resistance tolerance (20% is L, 10% is K, 5% is J). When the resistance is less than 10 ohms, the multiplier is not used and replaced by an "R". For example a 0.75" x 6.0" Resistor Rod at 50 ohms +/-10% would be qualified as "83-RD06-500K, and a 1.0" x 12.0 Resistor Rod at 15,000 ohms +/-20% is 83-RE12-153L.