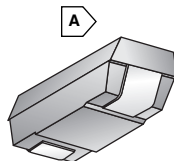


OHMITE 5% SMD Wirewound Power Resistors - 1, 1.5, 2 and 3.5 Watt

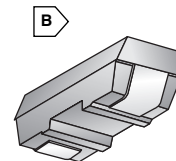


RW SERIES

These low value surface mount power resistors are ideal for current sensing applications and reduce the amount of space required by traditional power resistors. They offer higher power levels than conventional chip resistors. The body is molded with UL94V0 material rated at 205°C continuous. Flexible J-bend terminations reduce solder joint breakage due to thermal expansion and vibration.



Standard Pedestal Mount



Recessed-base Mount



RoHS Compliant

Specifications:

- Tolerance: 5%
- Dielectric strength: 1000V
- Flexible J-bend terminations
- Temperature Coefficient: ±90ppm/°C

Wattage	Dimensions (IN)		
	L	H	W
1	.246	.136	.136
1.5	.394	.159	.159
2	.407	.222	.226
3.5	.811	.273	.273

Power Resistors

Ohmite

MOUSER STOCK NO. (Bulk)	Ohmite Part No.	Fig.	Value (Ω)	Maximum Voltage (V)	Price Each				MOUSER STOCK NO. (Reel)	Price Per Piece
					1	50	100	250		
0.6 Watt										
588-RW0S6BBR010FE	RW0S6BBR010FE	A	0.010	50	1.15	1.05	.90	.85	588-RW0S6BBR010FET	.75
588-RW0S6BBR020FE	RW0S6BBR020FE	A	0.020	50	1.15	1.05	.90	.85	588-RW0S6BBR020FET	.75
588-RW0S6BBR030FE	RW0S6BBR030FE	A	0.030	50	1.15	1.05	.90	.85	588-RW0S6BBR030FET	.75
588-RW0S6BBR050FE	RW0S6BBR050FE	A	0.050	50	1.15	1.05	.90	.85	588-RW0S6BBR050FET	.75
588-RW0S6BBR100FE	RW0S6BBR100FE	A	0.100	50	1.15	1.05	.90	.85	588-RW0S6BBR100FET	.75
588-RW0S6BBR470FE	RW0S6BBR470FE	A	0.470	50	1.15	1.05	.90	.85	588-RW0S6BBR470FET	.75
588-RW0S6BBR750FE	RW0S6BBR750FE	A	0.750	50	1.15	1.05	.90	.85	588-RW0S6BBR750FET	.75
588-RW0S6BB1R00FE	RW0S6BB1R00FE	A	1.000	50	1.15	1.05	.90	.85	588-RW0S6BB1R00FET	.75
588-RW0S6BB2R00FE	RW0S6BB2R00FE	A	2.000	50	1.15	1.05	.90	.85	588-RW0S6BB2R00FET	.75
588-RW0S6BB5R00FE	RW0S6BB5R00FE	A	5.000	50	1.15	1.05	.90	.85	588-RW0S6BB5R00FET	.75
588-RW0S6BB10R0FE	RW0S6BB10R0FE	A	10.000	50	1.15	1.05	.90	.85	588-RW0S6BB10R0FET	.75
1 Watt										
588-RW1S0BAR010JE	RW1S0BAR010JE	A	0.010	50	1.92	1.86	1.70	1.59	588-RW1S0BAR010JET	1.36
588-RW1S0BAR025JE	RW1S0BAR025JE	A	0.025	50	1.92	1.86	1.70	1.59	588-RW1S0BAR025JET	1.36
588-RW1S0BAR050JE	RW1S0BAR050JE	A	0.050	50	1.92	1.86	1.70	1.59	588-RW1S0BAR050JET	1.36
588-RW1S0BAR100JE	RW1S0BAR100JE	A	0.100	50	2.33	2.22	2.06	1.91	588-RW1S0BAR100JET	1.65
588-RW1S0BAR300JE	RW1S0BAR300JE	A	0.300	50	2.33	2.22	2.06	1.91	588-RW1S0BAR300JET	1.65
588-RW1S0BAR470JE	RW1S0BAR470JE	A	0.470	50	2.33	2.22	2.06	1.91	588-RW1S0BAR470JET	1.65
588-RW1S0BA1R00JE	RW1S0BA1R00JE	A	1.000	50	2.48	2.33	2.25	2.17	588-RW1S0BA1R00JET	1.65
1.5 Watts										
588-RW1S5CAR005JE	RW1S5CAR005JE	A	0.005	75	1.70	1.60	1.50	1.39	588-RW1S5CAR005JET	1.20
588-RW1S5CAR010JE	RW1S5CAR010JE	A	0.010	75	1.70	1.60	1.50	1.39	588-RW1S5CAR010JET	1.20
588-RW1S5CAR100JE	RW1S5CAR100JE	A	0.100	75	2.24	2.11	1.98	1.83	588-RW1S5CAR100JET	1.58
588-RW1S5CAR150JE	RW1S5CAR150JE	A	0.150	75	2.24	2.11	1.98	1.83	588-RW1S5CAR150JET	1.58
588-RW1S5CA1R00JE	RW1S5CA1R00JE	A	1.000	75	2.24	2.11	1.98	1.83	588-RW1S5CA1R00JET	1.58
2 Watts										
588-RW2S0CBR005JE	RW2S0CBR005JE	A	0.005	100	1.68	1.58	1.49	1.38	588-RW2S0CBR005JET	1.19
588-RW2S0CBR010JE	RW2S0CBR010JE	A	0.010	100	1.68	1.58	1.49	1.38	588-RW2S0CBR010JET	1.19
588-RW2S0CBR020JE	RW2S0CBR020JE	A	0.020	100	1.68	1.58	1.49	1.38	588-RW2S0CBR020JET	1.19
588-RW2S0CBR050JE	RW2S0CBR050JE	A	0.050	100	1.68	1.58	1.49	1.38	588-RW2S0CBR050JET	1.19
588-RW2S0CBR500JE	RW2S0CBR500JE	A	0.500	100	2.13	2.01	1.89	1.75	588-RW2S0CBR500JET	1.51
588-RW2S0CBR200JE	RW2S0CBR200JE	A	0.200	100	2.13	2.01	1.89	1.75	588-RW2S0CBR200JET	1.51
588-RW2S0CB1R00JE	RW2S0CB1R00JE	A	1.000	100	2.13	2.01	1.89	1.75	588-RW2S0CB1R00JET	1.51
3 Watts										
588-RW3R0DBR005JE	RW3R0DBR005JE	A	0.005	200	2.14	2.01	1.94	1.88	588-RW3R0DBR005JET	1.60
588-RW3R0DBR010JE	RW3R0DBR010JE	A	0.010	200	2.14	2.01	1.94	1.88	588-RW3R0DBR010JET	1.60
588-RW3R0DBR015JE	RW3R0DBR015JE	A	0.015	200	2.14	2.01	1.94	1.88	588-RW3R0DBR015JET	1.60
588-RW3R0DBR036JE	RW3R0DBR036JE	A	0.036	200	2.14	2.01	1.94	1.88	588-RW3R0DBR036JET	1.60
588-RW3R0DBR050JE	RW3R0DBR050JE	A	0.050	200	2.14	2.01	1.94	1.88	588-RW3R0DBR050JET	1.60
588-RW3R0DBR100JE	RW3R0DBR100JE	A	0.100	200	2.28	2.15	2.01	1.90	588-RW3R0DBR100JET	1.81
588-RW3R0DB1R00JE	RW3R0DB1R00JE	A	1.000	200	2.28	2.15	2.01	1.90	588-RW3R0DB1R00JET	1.81
3.5 Watts										
588-RW3R5EAR010JE	RW3R5EAR010JE	B	0.010	350	2.13	2.01	1.89	1.75	588-RW3R5EAR010JET	1.51
588-RW3R5EAR025JE	RW3R5EAR025JE	B	0.025	350	2.13	2.01	1.89	1.75	588-RW3R5EAR025JET	1.51
588-RW3R5EAR050JE	RW3R5EAR050JE	B	0.050	350	2.13	2.01	1.89	1.75	588-RW3R5EAR050JET	1.51
588-RW3R5EAR100JE	RW3R5EAR100JE	B	0.100	350	2.28	2.15	2.02	1.87	588-RW3R5EAR100JET	1.62
588-RW3R5EAR200JE	RW3R5EAR200JE	B	0.200	350	2.28	2.15	2.02	1.87	588-RW3R5EAR200JET	1.62
588-RW3R5EA1R00JE	RW3R5EA1R00JE	B	1.000	350	2.28	2.15	2.02	1.87	588-RW3R5EA1R00JET	1.62
588-RW3R5EA7R50JE	RW3R5EA7R50JE	B	7.500	350	2.28	2.15	2.02	1.87	588-RW3R5EA7R50JET	1.62
588-RW3R5EA47R0JE	RW3R5EA47R0JE	B	47.000	350	2.28	2.15	2.02	1.87	588-RW3R5EA47R0JET	1.62

OHMITE 1% Wire Element Resistors - 2, 3 and 5 Watt



10 SERIES LO-MITE MOLDED SILICONE



RoHS Compliant

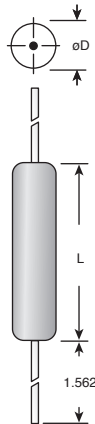
Specifications:

- Overload: 5 times rated wattage for 5 seconds
- Dielectric withstanding voltage: 1000VRMS for 3W and 5W; 500VRMS for 2W
- Temperature range: -55°C to 275°C

Features:

- Ideal for current sensing application
- Low inductance (non-inductive below 25Ω)

Wattage	Dimensions (IN)		Lead Gauge
	L	øD	
2	.406	.094	20
3	.560	.205	20
5	.925	.330	18



2 Watts For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Value (Ω)	Price Each					
		1	10	100	250	500	1000
588-12FR005E	0.005	1.58	1.44	1.28	1.20	1.18	1.15
588-12FR010E	0.010	1.58	1.44	1.28	1.20	1.18	1.15
588-12FR020E	0.020	1.58	1.44	1.28	1.20	1.18	1.15
588-12FR025E	0.025	1.57	1.43	1.27	1.19	1.17	1.14
588-12FR050E	0.050	1.48	1.34	1.20	1.13	1.11	1.07
588-12FR080E	0.080	1.58	1.44	1.28	1.20	1.18	1.15
588-12FR100E	0.100	1.73	1.56	1.39	1.31	1.29	1.26

3 Watts For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Value (Ω)	Price Each					
		1	10	100	250	500	1000
588-13FR005E	0.005	1.57	1.43	1.27	1.19	1.17	1.14
588-13FR010E	0.010	1.48	1.34	1.20	1.13	1.11	1.07
588-13FR020E	0.020	1.42	1.28	1.15	1.08	1.06	1.04
588-13FR025E	0.025	1.42	1.28	1.15	1.08	1.06	1.04
588-13FR050E	0.050	1.40	1.28	1.13	1.07	1.05	1.02
588-13FR070E	0.070	1.57	1.43	1.27	1.19	1.17	1.14
588-13FR080E	0.080	1.57	1.43	1.27	1.19	1.17	1.14
588-13FR100E	0.100	1.57	1.43	1.27	1.19	1.17	1.14
588-13FR150E	0.150	1.57	1.43	1.27	1.19	1.17	1.14
588-13FR200E	0.200	1.57	1.43	1.27	1.19	1.17	1.14

5 Watts For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Value (Ω)	Price Each					
		1	10	100	250	500	1000
588-15FR005E	0.005	1.89	1.72	1.52	1.43	1.40	1.37
588-15FR010E	0.010	1.80	1.65	1.46	1.37	1.34	1.31
588-15FR020E	0.020	1.80	1.65	1.46	1.37	1.34	1.31
588-15FR025E	0.025	1.80	1.65	1.46	1.37	1.34	1.31
588-15FR050E	0.050	1.76	1.59	1.41	1.32	1.30	1.27
588-15FR080E	0.080	1.75	1.59	1.41	1.32	1.30	1.27
588-15FR100E	0.100	1.75	1.59	1.41	1.32	1.30	1.27
588-15FR200E	0.200	1.75	1.59	1.41	1.32	1.30	1.27
588-15FR250E	0.250	1.75	1.59	1.41	1.32	1.30	1.27

