

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



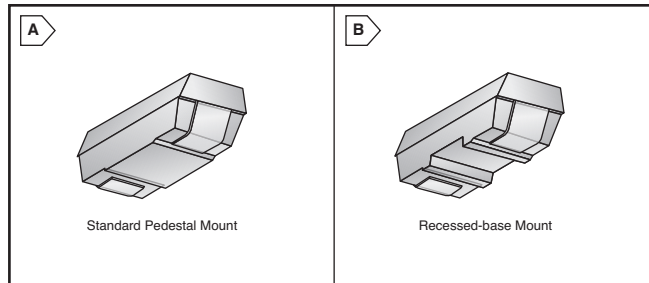
RW SERIES

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.

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	.625	.226	.273
3.5	.811	.273	.273



MOUSER STOCK NO. (Bulk)	Ohmite Part No.	Fig.	Value (Ω)	Maximum Voltage (V)	Price Each				MOUSER STOCK NO. (Reel)	Reel Qty	Price Per Piece
					1	50	100	250			
0.6 Watt											
588-RW0S6BBR010FE	RW0S6BBR010FE	A	0.010	50	1.25	1.13	1.00	.93	588-RW0S6BBR010FET	2500	.75
588-RW0S6BBR020FE	RW0S6BBR020FE	A	0.020	50	1.25	1.13	1.00	.93	588-RW0S6BBR020FET	2500	.75
588-RW0S6BBR030FE	RW0S6BBR030FE	A	0.030	50	1.25	1.13	1.00	.93	588-RW0S6BBR030FET	2500	.75
588-RW0S6BBR050FE	RW0S6BBR050FE	A	0.050	50	1.25	1.13	1.00	.93	588-RW0S6BBR050FET	2500	.75
588-RW0S6BBR100FE	RW0S6BBR100FE	A	0.100	50	1.25	1.13	1.00	.93	588-RW0S6BBR100FET	2500	.75
588-RW0S6BBR470FE	RW0S6BBR470FE	A	0.470	50	1.25	1.13	1.00	.93	588-RW0S6BBR470FET	2500	.75
588-RW0S6BBR750FE	RW0S6BBR750FE	A	0.750	50	1.25	1.13	1.00	.93	588-RW0S6BBR750FET	2500	.75
588-RW0S6BB1R00FE	RW0S6BB1R00FE	A	1.000	50	1.25	1.13	1.00	.93	588-RW0S6BB1R00FET	2500	.75
588-RW0S6BB2R00FE	RW0S6BB2R00FE	A	2.000	50	1.25	1.13	1.00	.93	588-RW0S6BB2R00FET	2500	.75
588-RW0S6BB5R00FE	RW0S6BB5R00FE	A	5.000	50	1.25	1.13	1.00	.93	588-RW0S6BB5R00FET	2500	.75
588-RW0S6BB10R0FE	RW0S6BB10R0FE	A	10.000	50	1.25	1.13	1.00	.93	588-RW0S6BB10R0FET	2500	.75
1 Watt											
588-RW1S0BAR010JE	RW1S0BAR010JE	A	0.010	50	2.05	1.92	1.86	1.79	588-RW1S0BAR010JET	2000	1.36
588-RW1S0BAR025JE	RW1S0BAR025JE	A	0.025	50	2.05	1.92	1.86	1.79	588-RW1S0BAR025JET	2000	1.36
588-RW1S0BAR050JE	RW1S0BAR050JE	A	0.050	50	2.05	1.92	1.86	1.79	588-RW1S0BAR050JET	2000	1.36
588-RW1S0BAR100JE	RW1S0BAR100JE	A	0.100	50	2.48	2.33	2.25	2.17	588-RW1S0BAR100JET	2000	1.65
588-RW1S0BAR300JE	RW1S0BAR300JE	A	0.300	50	2.48	2.33	2.25	2.17	588-RW1S0BAR300JET	2000	1.65
588-RW1S0BAR470JE	RW1S0BAR470JE	A	0.470	50	2.52	2.36	2.16	2.03	588-RW1S0BAR470JET	2000	1.65
588-RW1S0BA1R00JE	RW1S0BA1R00JE	A	1.000	50	2.48	2.33	2.25	2.17	588-RW1S0BA1R00JET	2000	1.65
1.5 Watts											
588-RW1S5CAR005JE	RW1S5CAR005JE	A	0.005	75	1.81	1.70	1.64	1.58	588-RW1S5CAR005JET	1500	1.20
588-RW1S5CAR010JE	RW1S5CAR010JE	A	0.010	75	1.81	1.70	1.64	1.58	588-RW1S5CAR010JET	1500	1.20
588-RW1S5CAR100JE	RW1S5CAR100JE	A	0.100	75	2.38	2.24	2.16	2.09	588-RW1S5CAR100JET	1500	1.58
588-RW1S5CAR150JE	RW1S5CAR150JE	A	0.150	75	2.38	2.24	2.16	2.09	588-RW1S5CAR150JET	1500	1.58
588-RW1S5CA1R00JE	RW1S5CA1R00JE	A	1.000	75	2.38	2.24	2.16	2.09	588-RW1S5CA1R00JET	1500	1.58
2 Watts											
588-RW2S0CBR005JE	RW2S0CBR005JE	A	0.005	100	1.89	1.75	1.56	1.46	588-RW2S0CBR005JET	1000	1.19
588-RW2S0CBR010JE	RW2S0CBR010JE	A	0.010	100	1.89	1.75	1.56	1.46	588-RW2S0CBR010JET	1000	1.19
588-RW2S0CBR020JE	RW2S0CBR020JE	A	0.020	100	1.89	1.75	1.56	1.46	588-RW2S0CBR020JET	1000	1.19
588-RW2S0CBR050JE	RW2S0CBR050JE	A	0.050	100	1.89	1.75	1.56	1.46	588-RW2S0CBR050JET	1000	1.19
588-RW2S0CBR500JE	RW2S0CBR500JE	A	0.500	100	2.27	2.13	2.06	1.99	588-RW2S0CBR500JET	1000	1.63
588-RW2S0CBR200JE	RW2S0CBR200JE	A	0.200	100	2.27	2.13	2.06	1.99	588-RW2S0CBR200JET	1000	1.58
588-RW2S0CB1R00JE	RW2S0CB1R00JE	A	1.000	100	2.27	2.13	2.06	1.99	588-RW2S0CB1R00JET	1000	1.63
3 Watts											
588-RW3R0DBR005JE	RW3R0DBR005JE	A	0.005	200	2.14	2.01	1.94	1.88	588-RW3R0DBR005JET	1000	1.60
588-RW3R0DBR010JE	RW3R0DBR010JE	A	0.010	200	2.14	2.01	1.94	1.88	588-RW3R0DBR010JET	1000	1.60
588-RW3R0DBR015JE	RW3R0DBR015JE	A	0.015	200	2.14	2.01	1.94	1.88	588-RW3R0DBR015JET	1000	1.60
588-RW3R0DBR036JE	RW3R0DBR036JE	A	0.036	200	2.14	2.01	1.94	1.88	588-RW3R0DBR036JET	1000	1.60
588-RW3R0DBR050JE	RW3R0DBR050JE	A	0.050	200	2.14	2.01	1.94	1.88	588-RW3R0DBR050JET	1000	1.60
588-RW3R0DBR100JE	RW3R0DBR100JE	A	0.100	200	2.42	2.27	2.19	2.11	588-RW3R0DBR100JET	1000	1.81
588-RW3R0DB1R00JE	RW3R0DB1R00JE	A	1.000	200	2.55	2.28	2.11	1.97	588-RW3R0DB1R00JET	1000	2.05
3.5 Watts											
588-RW3R5EAR010JE	RW3R5EAR010JE	B	0.010	350	2.39	2.14	1.98	1.82	588-RW3R5EAR010JET	750	1.51
588-RW3R5EAR025JE	RW3R5EAR025JE	B	0.025	350	2.39	2.14	1.98	1.82	588-RW3R5EAR025JET	750	1.51
588-RW3R5EAR050JE	RW3R5EAR050JE	B	0.050	350	2.39	2.14	1.98	1.82	588-RW3R5EAR050JET	750	1.51
588-RW3R5EAR100JE	RW3R5EAR100JE	B	0.100	350	2.55	2.29	2.12	1.98	588-RW3R5EAR100JET	750	1.62
588-RW3R5EAR200JE	RW3R5EAR200JE	B	0.200	350	2.55	2.29	2.12	1.98	588-RW3R5EAR200JET	750	1.62
588-RW3R5EA1R00JE	RW3R5EA1R00JE	B	1.000	350	2.55	2.29	2.12	1.98	588-RW3R5EA1R00JET	750	1.62
588-RW3R5EA7R50JE	RW3R5EA7R50JE	B	7.500	350	2.55	2.29	2.12	1.98	588-RW3R5EA7R50JET	750	1.62
588-RW3R5EA47R0JE	RW3R5EA47R0JE	B	47.000	350	2.55	2.29	2.12	1.98	588-RW3R5EA47R0JET	750	1.62

Power Resistors

Ohmite

OHMITE SMD DPak Power Resistor - 35 Watt



TDH35P SERIES

Features:

- TO220 style package configuration for surface mounting applications
- Molded case for environmental protection
- Resistor element is electrically insulated from the metal heat sink tab

Specifications:

- Resistance tolerance: 5%
- Maximum operating voltage: 350V
- Dielectric strength: 1800VAC
- Power rating: 35W @ 25°C
- Operating temperature range: -55°C to +150°C
- Derating(thermal resistance): 0.23W/°K(4.28°K/W)

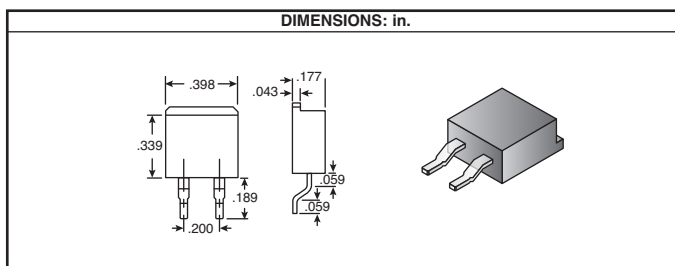
Applications:

- Switching power supplies
- Snubbers
- High frequency
- Voltage regulation
- Low energy pulse loading



RoHS Compliant

Value	Code	Value	Code	Value	Code
0.1	R100JE	5.0	5R00JE	100	100RJE
0.15	R150JE	7.5	7R50JE	150	150RJE
0.47	R470JE	10	10R0JE	300	300RJE
0.75	R750JE	15	15R0JE	500	500RJE
1.0	1R00JE	20	20R0JE	1000	1K00JE
2.0	2R00JE	25	25R0JE	5000	5K00JE
3.0	3R00JE	47	47R0JE		



*Insert Value Code from Table of Stocked Values. For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Value Range (Ω)	Price Each				
		1	25	100	250	
588-TDH35P	Code	0.1 - 0.15	10.79	9.45	8.09	7.29
588-TDH35P	Code	0.47	7.58	6.52	5.84	5.43
588-TDH35P	Code	0.75 - 7.5	8.10	6.96	5.75	5.13
588-TDH35P	Code	10 - 5K	7.68	5.92	5.25	4.86

