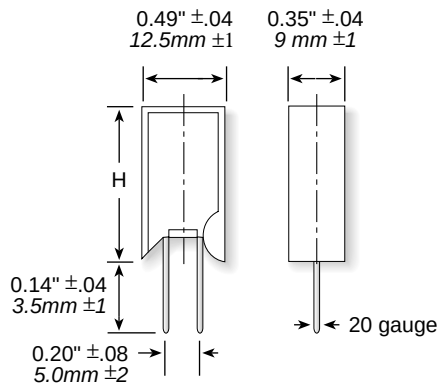


TWW/TWM Series

Ceramic Housed Radial Lead Power Resistors



Series	Wattage	Ohms	Height (in./mm)	Voltage	Element
TWW3	3	.01-39	0.98 / 25	250	Wire
TWW5	5	.01-47	0.98 / 25	350	Wire
TWW10	10	.04-990	1.97 / 50	750	Wire
TWM3	3	180-50K	0.98 / 25	250	Metal oxide
TWM5	5	200-50K	0.98 / 25	350	Metal oxide
TWM10	10	1000-50K	1.97 / 50	750	Metal oxide

The TWW/TWM series radial lead power resistors offer significant board space savings over axial leaded products. Generated heat is also kept away from the circuit board.

They are recommended for commercial applications requiring low cost.

FEATURES

- Economical Commercial Grade for general purpose use
- Wirewound and Metal Oxide construction
- Wide resistance range
- Flameproof inorganic construction

SPECIFICATIONS

Material

Housing: Ceramic

Core: Fiberglass or metal oxide

Filling: Cement based

Electrical

Tolerance: 5% standard

Temperature coeff.:

.01-20Ω ± 400 ppm/°C

20-10Ω ± 350 ppm/°C

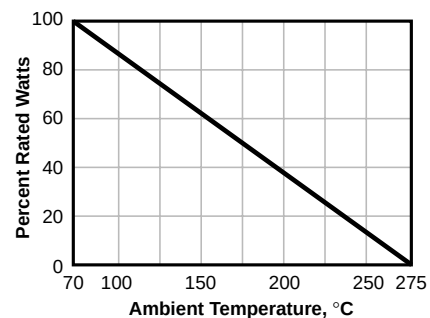
Dielectric withstanding voltage: 1,000VAC

Short time overload:

TWW: 10x rated power for 5 sec.

TWM: 5x rated power for 5 sec.

DERATING CURVE



STOCK PART NUMBERS FOR STANDARD RESISTANCE VALUES

Ohms	3 Watt	5 Watt	10 Watt	Ohms	3 Watt	5 Watt	10 Watt	Ohms	3 Watt	5 Watt	10 Watt	Ohms	3 Watt	5 Watt	10 Watt
	TWW	TWW	TWW		TWW	TWW	TWW		TWW	TWW	TWW		TWM	TWM	TWW
0.01	3JR01	5JR01	-	1.0	3J1R0	5J1R0	10J1R0	33	3J33R	5J33R	10J33R	680	3J680	5J680	10J680
0.02	3JR02	5JR02	-	1.5	3J1R5	5J1R5	10J1R5	39	3J39R	5J39R	10J39R	750	3J750	5J750	10J750
0.03	3JR03	5JR03	-	2.0	3J2R0	5J2R0	10J2R0	43	TWM3J43R	5J43R	10J43R	820	3J820	5J820	10J820
0.04	3JR04	5JR04	10JR04	2.7	3J2R7	5J2R7	10J2R7	47	3J47R	5J47R	10J47R	1,000	3J1K0	5J1K0	TWM10J1K0
0.05	3JR05	5JR05	10JR05	3.0	3J3R0	5J3R0	10J3R0	56	3J56R	TWM5J56R	10J56R	1,500	3J1K5	5J1K5	10J1K5
0.10	3JR10	5JR10	10JR10	3.3	3J3R3	5J3R3	10J3R3	68	3J68R	5J68R	10J68R	2,000	3J2K0	5J2K0	10J2K0
0.15	3JR15	5JR15	10JR15	3.9	3J3R9	5J3R9	10J3R9	75	3J75R	5J75R	10J75R	2,700	3J2K7	5J2K7	10J2K7
0.20	3JR20	5JR20	10JR20	4.3	3J4R3	5J4R3	10J4R3	82	3J82R	5J82R	10J82R	3,000	3J3K0	5J3K0	10J3K0
0.27	3JR27	5JR27	10JR27	4.7	3J4R7	5J4R7	10J4R7	100	3J100	5J100	10J100	3,300	3J3K3	5J3K3	10J3K3
0.30	3JR30	5JR30	10JR30	5.6	3J5R6	5J5R6	10J5R6	150	3J150	5J150	10J150	3,900	3J3K9	5J3K9	10J3K9
0.33	3JR33	5JR33	10JR33	6.8	3J6R8	5J6R8	10J6R8	200	3J200	5J200	10J200	4,300	3J4K3	5J4K3	10J4K3
0.39	3JR39	5JR39	10JR39	7.5	3J7R5	5J7R5	10J7R5	270	3J270	5J270	10J270	4,700	3J4K7	5J4K7	10J4K7
0.43	3JR43	5JR43	10JR43	8.2	3J8R2	5J8R2	10J8R2	300	3J300	5J300	10J300	5,600	3J5K6	5J5K6	10J5K6
0.47	3JR47	5JR47	10JR47	10	3J10R	5J10R	10J10R	330	3J330	5J330	10J330	6,800	3J6K8	5J6K8	10J6K8
0.56	3JR56	5JR56	10JR56	15	3J15R	5J15R	10J15R	390	3J390	5J390	10J390	7,500	3J7K5	5J7K5	10J7K5
0.68	3JR68	5JR68	10JR68	20	3J20R	5J20R	10J20R	430	3J430	5J430	10J430	8,200	3J8K2	5J8K2	10J8K2
0.75	3JR75	5JR75	10JR75	27	3J27R	5J27R	10J27R	470	3J470	5J470	10J470	10,000	3J10K	5J10K	10J10K
0.82	3JR82	5JR82	10JR82	30	3J30R	5J30R	10J30R	560	3J560	5J560	10J560				