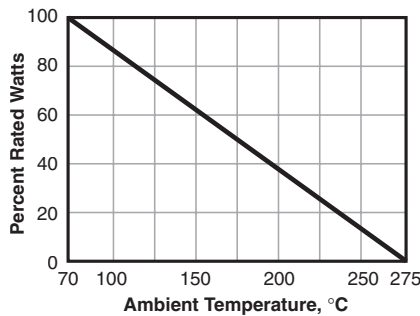


The TWW/TWM series radial lead power resistors offer significant board space savings over axial leaded products. Generated heat is also kept away from the circuit board. They are recommended for commercial applications requiring low cost.

FEATURES

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

DERATING CURVE

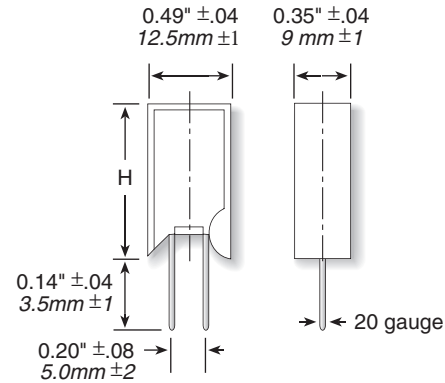


SPECIFICATIONS

Material: Ceramic
Housing: Ceramic
Core: Fiberglass or metal oxide
Filling: Cement based
Electrical:
Tolerance: 5% standard
Temperature coeff.:
 .01-20Ω ±400ppm/°C
 20-10Ω ±350ppm/°C
Dielectric withstanding voltage:
 1,000VAC
Short time overload:
 TWW: 10x rated power for 5 sec.
 TWM: 5x rated power for 5 sec.

TWW/TWM Series

Ceramic Housed Radial Lead Power Resistors RoHS Compliant



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

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
0.01	-3JR01	-5JR01	-10JR01	1.0	-3J1R0	-5J1R0	-10J1R0	33	-3J33R	-5J33R	-10J33R	680	-3J680	-5J680	-10J680
0.02	-3JR02	-5JR02	-10JR02	1.5	-3J1R5	-5J1R5	-10J1R5	39	-3J39R	-5J39R	-10J39R	750	-3J750	-5J750	-10J750
0.03	-3JR03	-5JR03	-10JR03	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	-5J1K0E	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				