

OHMITE® Series 22 5% tolerance

conformal vitreous enamel axial lead wirewound resistors

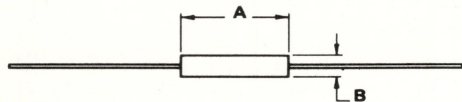
- Rugged Vitreous Enamel Coating Withstands Severe Humidity and Temperature Cycling
- Economical
- All Welded Construction
- Ideal for Machine Insertion

Advanced conformal vitreous enamel coating protects resistors, even in environments of high heat.

These rugged, economical wirewound resistors are recommended for industrial applications where quality construction and reliable operation are prime specifying parameters.

5% tolerance is standard for all wattage sizes. Dielectric breakdown is 1KV (500V for 1 Watt size). Typical T.C. of ± 30 ppm/°C. for 10 ohm values and above.

Watts	Body Dimensions		Leads 1.5"/38.1 mm GA
	Max L (A) (" /mm)	Max Dia. (B) (" /mm)	
1	.406/10.3	.156/4	22
2	.406/10.3	.219/5.6	20
3	.562/14.3	.250/6.4	20
5	1.000/25.4	.250/6.4	20
10	1.938/49.2	.343/8.7	20



MECHANICAL

Terminal Strength: Meets MIL-R-26 requirements.

ELECTRICAL

Tolerance: $\pm 5\%$ std.;

Temperature Coefficient: 0 ± 30 ppm/°C typical for 10 Ω and above.

Dielectric Withstanding Voltage: 1 KV (500 V for 1 W types).

Overload, Short Time: 10X rated wattage for 5 sec. (5 W size & larger); 5X rated wattage for 5 sec. (under 5 W).

Inductance: Varies with no. of turns and wire size. Std. units have single layer winding.

MATERIALS

Core: Ceramic, resistant to thermal shock and wide variations in temperature.

Resistance Element: High grade resistance alloy wire, single layer winding. Leads and resistance element welded to metal end caps.

Coating: High performance conformal vitreous enamel.

Leads: Solder coated.



Resistance Ohms	Catalog Numbers				
	1 Watt	2 Watt	3 Watt	5 Watt	10 Watt
1.0	21J1R0	22J1R0	23J1R0	25J1R0	20J1R0
1.5	21J1R5	22J1R5	23J1R5	25J1R5	20J1R5
2.0	21J2R0	22J2R0	23J2R0	25J2R0	20J2R0
2.2	21J2R2	22J2R2	23J2R2	25J2R2	20J2R2
3.0	21J3R0	22J3R0	23J3R0	25J3R0	20J3R0
4.0	21J4R0	22J4R0	23J4R0	25J4R0	20J4R0
5.0	21J5R0	22J5R0	23J5R0	25J5R0	20J5R0
7.5	21J7R5	22J7R5	23J7R5	25J7R5	20J7R5
10.0	21J10R	22J10R	23J10R	25J10R	20J10R
12.0	21J12R	22J12R	23J12R	25J12R	20J12R
15.0	21J15R	22J15R	23J15R	25J15R	20J15R
18.0	21J18R	22J18R	23J18R	25J18R	20J18R
20.0	21J20R	22J20R	23J20R	25J20R	20J20R
22.0	21J22R	22J22R	23J22R	25J22R	20J22R
25.0	21J25R	22J25R	23J25R	25J25R	20J25R
27.0	21J27R	22J27R	23J27R	25J27R	(20J27R)
30.0	21J30R	22J30R	23J30R	25J30R	20J30R
33.0	21J33R	22J33R	23J33R	25J33R	20J33R
35.0	21J35R	(22J35R)	23J35R	25J35R	20J35R
39.0	21J39R	22J39R	23J39R	25J39R	(20J39R)
40.0	21J40R	(22J40R)	23J40R	25J40R	20J40R
47.0	21J47R	22J47R	23J47R	25J47R	20J47R
50.0	21J50R	22J50R	23J50R	25J50R	20J50R
56.0	(21J56R)	22J56R	23J56R	(25J56R)	20J56R
62.0	21J62R	22J62R	23J62R	25J62R	(20J62R)
68.0	21J68R	22J68R	23J68R	25J68R	20J68R
75.0	21J75R	22J75R	23J75R	25J75R	20J75R
82.0	21J82R	22J82R	23J82R	25J82R	20J82R
100	21J100	22J100	23J100	25J100	20J100
120	21J120	22J120	23J120	25J120	20J120
125	(21J125)	(22J125)	23J125	25J125	20J125
150	21J150	22J150	23J150	25J150	20J150
180	21J180	22J180	23J180	25J180	20J180
200	21J200	22J200	23J200	25J200	20J200
220	21J220	22J220	23J220	25J220	20J220
225	21J225	(22J225)	23J225	25J225	(20J225)
250	21J250	22J250	23J250	25J250	20J250
270	21J270	22J270	23J270	25J270	(20J270)
300	21J300	(22J300)	23J300	25J300	20J300
330	21J330	22J330	23J330	25J330	20J330
350	21J350	22J350	23J350	25J350	20J350
390	21J390	22J390	23J390	25J390	(20J390)
400	21J400	22J400	23J400	25J400	20J400
450	21J450	(22J450)	23J450	25J450	20J450
470	21J470	22J470	23J470	25J470	20J470
500	21J500	22J500	23J500	25J500	20J500
560	21J560	22J560	23J560	25J560	20J560
600	21J600	22J600	23J600	25J600	20J600
680	21J680	22J680	23J680	25J680	20J680
750	21J750	22J750	23J750	25J750	20J750
800	21J800	22J800	23J800	25J800	20J800
820	21J820	(22J820)	23J820	(25J820)	20J820
900	21J900	22J900	23J900	25J900	(20J900)
1000	21J1K0	22J1K0	23J1K0	25J1K0	20J1K0
1100	21J1K1	22J1K1	23J1K1	25J1K1	(20J1K1)
1200	21J1K2	22J1K2	23J1K2	25J1K2	20J1K2
1500	21J1K5	22J1K5	23J1K5	25J1K5	20J1K5
1800	21J1K8	22J1K8	23J1K8	25J1K8	(20J1K8)
2000	21J2K0	22J2K0	23J2K0	25J2K0	20J2K0
2200	21J2K2	22J2K2	23J2K2	25J2K2	20J2K2
2500	21J2K5	22J2K5	23J2K5	25J2K5	20J2K5
2700	21J2K7	22J2K7	23J2K7	(25J2K7)	20J2K7
3000	21J3K0	22J3K0	23J3K0	25J3K0	20J3K0
3300			23J3K3	25J3K3	20J3K3
3500			23J3K5	25J3K5	20J3K5
3900			23J3K9	25J3K9	20J3K9
4000			23J4K0	25J4K0	20J4K0
4500			23J4K5	25J4K5	(20J4K5)
4700			23J4K7	25J4K7	20J4K7
5000			23J5K0	25J5K0	20J5K0
6000			23J6K0	25J6K0	20J6K0
6800			23J6K8	25J6K8	(20J6K8)
7000			23J7K0	25J7K0	20J7K0
7500			23J7K5	25J7K5	20J7K5
8000			23J8K0	25J8K0	(20J8K0)
9000			23J9K0	(25J9K0)	(20J9K0)
10,000			23J10K	25J10K	20J10K
12,000				25J12K	20J12K
13,000					20J13K
15,000				25J15K	20J15K
17,000					(20J17K)
20,000				25J20K	20J20K
22,000				25J22K	20J22K
25,000				25J25K	20J25K
30,000					20J30K
33,000					(20J33K)
35,000					20J35K
40,000					20J40K
50,000					20J50K

Popular items appear in BOLD print and are usually in stock at authorized Ohmite stocking distributors. Items appearing in LIGHT FACE print are available from stocking distributors but are not normally stocked in depth. Parentheses indicate non-stock standard items subject to a minimum handling charge per item.

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