

OHMITE® type 270 vitreous enameled fixed resistors

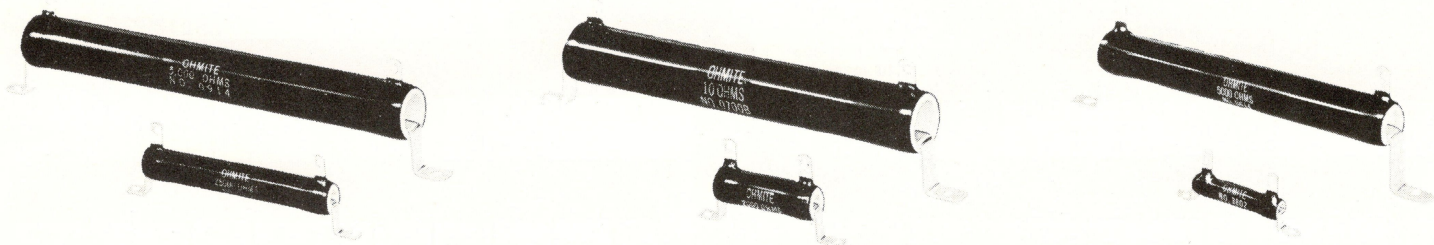
These lug type resistors are wire-wound on high quality ceramic cores, protected and insulated by Ohmite vitreous enamel—the time-proved standard covering that is the best conductor of heat for a material which must also be a good electrical insulator.

Resistance tolerance is $\pm 5\%$ for values 1 ohm or higher; $\pm 10\%$ below 1 ohm.

Wattage ratings are for use in free air. When resistors are mounted in

closed spaces or where the circulation of air is restricted, they should not be used at more than one-half rating. Currents and voltages for reduced ratings can be obtained by multiplying full rating by the following factors: 75% load = .86, 66% = .81, 50% = .71, 33% = .57, 25% = .50.

Mounting brackets are automatically supplied in individual unit packs; supplied only when specified in bulk pack orders. See page 15, "Mounting Brackets for Tubular Resistors" to specify other brackets.



12 WATT		
Free air rating to 5600 Ohms Core: 1-3/4" x 5/16" Mtg. Ctr. 2 3/16" — Av. Wt. .02 lb. Std. Mtg. Brkt.: Cat. No. 5		
Resist. Ohms.	Cat. No. ¹	Max. Amps.
.51	3723	4.86
1.0	3730	3.46
1.5	(3734)	2.83
2.2	3738	2.34
3.3	3742	1.91
4.7	3746	1.60
6.8	3750	1.33
10	3754	1.10
12	3756	1.00
15	3758	.89
18	(3760)	.82
22	3762	.74
27	3764	.67
33	3766	.60
39	3768	.55
47	3770	.53
56	3772	.46
68	3774	.42
82	3776	.38
100	3778	.35
120	3780	.32
150	3782	.28
180	3784	.26
220	(3786)	.23
270	3788	.21
330	3790	.19
390	3792	.18
470	3794	.16
560	3796	.15
680	3798	.13
820	(3800)	.12
1,000	3802	.11
1,200	3804	.10
1,500	3806	.089
1,800	(3808)	.082
2,200	3810	.074
2,700	3812	.067
3,300	3814	.060
3,900	3816	.055
4,700	3818	.051
5,600	3820	.046
6,800	(3822)	.038
8,200	(3824)	.035
10,000	3826	.032
12,000	(3828)	.029
15,000	(3830)	.026
18,000	3832	.024
22,000	3834	.021
27,000	(3836)	.019
33,000	(3838)	.017
39,000	(3840)	.016
47,000	(3842)	.015
51,000	(3843)	.014

	25 WATT		50 WATT		100 WATT		175 WATT		225 WATT	
	Free air rating to 12,000 Ohms. Core: 2" x 9/16" Mtg. Ctr. 2 3/4" — Av. Wt. .05 lb. Std. Mtg. Brkt.: No. 9		Free air rating to 25,000 Ohms. Core: 4" x 9/16" Mtg. Ctr. 4 3/4" — Av. Wt. .09 lb. Std. Mtg. Brkt.: No. 9		Free air rating to 60,000 Ohms. Core: 6 1/2" x 3/4" Mtg. Ctr. 7 3/8" — Av. Wt. .20 lb. Std. Mtg. Brkt.: No. 12		Free air rating for All Values Core: 8 1/2" x 1 1/8" Mtg. Ctr. 9 9/8" — Av. Wt. .50 lb. Std. Mtg. Brkt.: No. 18		Free air rating for All Values Core: 10 1/2" x 1 3/8" Mtg. Ctr. 11 3/8" — Av. Wt. .62 lb. Std. Mtg. Brkt.: No. 18	
Ohms Res.	Catalog No. ¹	Max. Amps.	Catalog No. ¹	Max. Amps.	Catalog No. ¹	Max. Amps.	Catalog No. ¹	Max. Amps.	Catalog No. ¹	Max. Amps.
1	0200J	5.00	0400J	7.07	0600C	10.00	0700C	13.2	0900C	15.00
2	0200K	3.54	0400K	5.00	0600D	7.07	0700D	9.35	0900D	10.60
3	0200L	2.88	0400L	4.07	0600E	5.77	0700E	7.63	0900E	8.67
4	0200N	2.50	0400N	3.53	0600F	5.00	0700F	6.6	0900F	7.50
5	0200A	2.24	0400A	3.16	0600A	4.47	0700A	5.92	0900A	6.72
10	0200B	1.58	0400B	2.23	0600B	3.16	0700B	4.18	0900B	4.74
15	0200R	1.29								
25	0200C	1.00	0400C	1.41	0601	2.00	0701	2.64	0901	3.00
50	0200D	.71	0400D	1.00	0602	1.41	0702	1.87	0902	2.12
75	0200E	.58	0400E	.82	0603	1.15	0703	1.52	0903	1.73
100	0200F	.50	0400F	.71	0604	1.00	0704	1.32	0904	1.50
125					0604B	.90	0704B	1.18		
150	0200G	.41	0400G	.58	0605	.82	0705	1.08	0905	1.25
200	0200H	.35	0400H	.50						
250	0201	.32	0401	.45	0606	.63	0706	.84	0906	.95
500	0202	.22	0402	.32	0607	.45	0707	.59	0907	.67
750	0203	.18	0403	.26	0608	.37	(0708)	.48	0908	.55
800	0204	.17	0404	.25						
1,000	0205	.16	0405	.22	0609	.32	(0709)	.42	0909	.47
1,500	0206	.13	0406	.18	0610	.26	(0710)	.34	0910	.39
2,000	0207	.12	0407	.16	0611	.22	0711	.30	0911	.34
2,500	0208	.10	0408	.14	0612	.20	(0712)	.26	0912	.30
3,000	0209	.091	0409	.13	0613	.18	(0713)	.24	0913	.27
3,500	0210	.084								
4,000	0211	.079	0410	.11						
5,000	0212	.070	0411	.10	0614	.14	0714	.19	0914	.21
6,000	0213	.064								
7,500	0214	.057	0412	.081	0615	.12	0715	.15	0915	.17
8,000			0413	.079						
10,000	0215	.050	0414	.071	0616	.10	0716	.13	0916	.15
12,000	0216	.045	0415	.064						
15,000	0217	.036	0416	.057	0617	.081	(0717)	.11	0917	.13
20,000	0218	.031	0417	.050	0618	.071	(0718)	.094	0918	.11
25,000	0219	.028	0418	.045	(0619)	.063	(0719)	.083	0919	.095
30,000	0220	.026			0620	.058	(0720)	.076	0920	.087
35,000	(0221)	.024	(0419)	.032						
40,000	0222	.022			(0621)	.050	0721	.066	0921	.075
50,000	0224	.019	0420	.026	0622	.045	0722	.059	0922	.067
60,000	(0225)	.016			(0623)	.041	0723	.054	(0923)	.061
70,000	0226	.103								
75,000			(0421)	.021	0624	.032	(0724)	.048	(0924)	.055
80,000	(0227)	.012								
100,000	0229	.0094	0422	.018	0625	.028	0725	.042	0925	.047
125,000			(0423)	.017						
150,000			(0424)	.015						
175,000			(0425)	.014						
200,000			0426	.012						
250,000			0428	.010						

¹Popular 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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