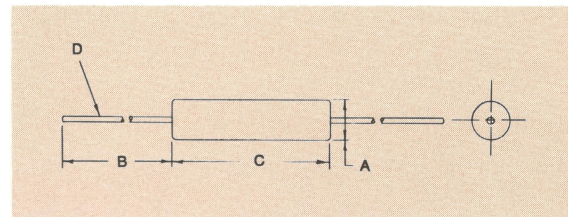


WIREWOUND RESISTORS

**MEMCOR-
TRUOHM INC.**

MOLDED SILICONE: TYPE ML — 1, 2, 3 WATTS/OHM VALES 1-10,000

Wt. (Lbs.)	ML1 .0009 Max. Amps	ML2 .0018 Max. Amps	ML3 .003 Max. Amps	Wt. (Lbs.)	ML1 .0009 Max. Amps	ML2 .0018 Max. Amps	ML3 .003 Max. Amps
Ohms				Ohms			
1	1.24	1.5	1.8	220	.083	.10	.12
1.5	1.12	1.22	1.47	250	.077	.094	.11
2	1	1.05	1.27	270	.075	.091	.109
2.5	.87	.97	1.12	300	.071	.086	.10
3	.71	.86	1.04	350	.065	.080	.096
4	.61	.73	.90	400	.061	.075	.090
5	.55	.67	.81	450	.058	.071	.084
6	.49	.60	.73	470	.056	.069	.083
7.5	.45	.55		500	.055	.067	.081
8	.42	.52	.64	600	.050	.061	.073
10	.39	.47	.56	700	.046	.056	
12	.35	.43	.52	750	.045	.055	.065
15	.32	.39	.47	800	.043	.053	.064
20	.27	.33	.42	900	.041	.050	
25	.25	.30	.36	1000	.039	.047	.056
30	.22	.27	.30	1200	.035	.043	.052
35	.207	.25	.29	1500	.032	.039	.047
40	.193	.24	.28	2000	.027	.033	.040
50	.173	.21	.25	2500	.025	.030	.036
60	.156	.19	.23	3000		.027	.033
75	.141	.17	.21	3500		.024	.030
80	.135	.16	.20	4000			.028
90	.128	.16	.19	5000			.025
100	.123	.15	.18	6000			.023
125	.111	.14	.16	7500			.021
150	.1	.12	.15	8000			.020
175	.097	.12	.14	9000			.019
200	.087	.10	.13	10000			.018



	A	B	C	D
ML1	.125	1 1/2	.437	.020
ML2	.205	1 1/2	.560	.032
ML3	.242	1 1/2	.525	.032

FEATURES:

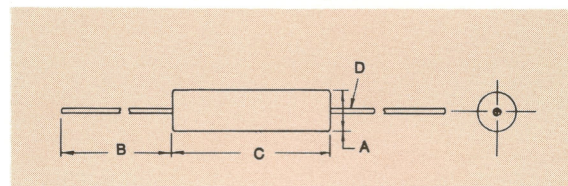
- Uniform molded size facilitates handling with automatic insertion equipment.
- Welded termination and lead/end cap assembly assure maximum reliability.
- Uniformly tinned leads assure reliable electrical and mechanical connections.
- Low temperature coefficient.
- 1% resistance tolerance standard.
- Available with Non-inductive winding.

SPECIFICATIONS:

- Resistance tolerance $\pm 1\%$... Closer tolerance available.
- Temperature coefficient ± 50 PPM ... Lower TC available.
- Available resistance range 1-10,000 Ohm.
- Dielectric withstanding voltage 1000 V.
- Dimensional tolerances $\pm 1/32$ ".

W/AXIAL LEADS: TYPE VL — 3, 5, 10 WATTS/OHM VALUES 1-50,000

Wt. (Lbs.)	VL3 .002 Max. Amps	VL5 .006 Max. Amps	VL10 .014 Max. Amps	Wt. (Lbs.)	VL3 .002 Max. Amps	VL5 .006 Max. Amps	VL10 .014 Max. Amps
Ohms				Ohms			
1	1.80	2.24	3.32	600	.073	.091	
1.5	1.47	1.83	2.71	700	.068	.084	
2	1.27	1.58	2.34	750	.065	.082	.12
3	1.04	1.29	1.92	800	.064	.079	
4	.90	1.11	1.66	820		.078	
5	.81	1.00	1.48	900	.060	.074	
7.5	.65	.82	1.21	1000	.056	.071	.11
10	.56	.71	1.05	1100	.054		
12		.65		1200	.052	.065	
15	.47	.58	.86	1500	.047	.058	.086
20	.40	.50	.74	1800		.053	
25	.36	.45	.66	2000	.040	.050	.074
30	.30	.41	.61	2200	.039	.048	
35	.30	.38	.56	2500	.036	.045	.066
40	.28	.35	.51	3000	.033	.041	.061
47	.26	.33		3300	.031	.039	
50	.25	.32	.47	4000	.028	.035	.052
75	.21	.26	.38	4700	.026		
100	.18	.22	.33	5000	.025	.032	.047
125			.29	6000	.023	.029	.043
150	.15	.18	.27	7000	.021	.027	
200	.13	.16	.23	7500	.021	.026	.038
220	.12	.15	.22	8000		.025	
250	.11	.14	.21	8200	.020		
270	.109	.14		9000	.019	.024	
300	.100	.13	.19	10000	.018	.022	.033
330	.099	.12		12000		.020	
350		.12		15000		.018	.027
390	.091			20000		.016	
400	.090	.11	.16	25000		.014	.021
450	.084	.11	.16	35000			.018
500	.081	.10	.15	50000			.015



	A	B	C	D
VL3	3/32	1 1/2	1 1/32	.032
VL5	5/16	1 1/2	1 1/16	.036
VL10	3/8	1 1/2	1 1/8	.036

FEATURES:

- Lowest cost Wirewound Resistor with vitreous enamel coating.
- Popular small sizes for circuit board, point-to-point, or terminal board applications.
- Welded terminations and lead/end cap assembly assure maximum reliability.
- Balanced thermal expansion between core, wire and high temperature vitreous enamel assures reliable performance.
- Long term stability results from firing vitreous enamel at temperatures exceeding 1000°F.
- Uniformly tinned leads assure reliable electrical and mechanical connections.
- Uniform winding and coating assure uniform heat dissipation and excellent appearance.
- Low temperature coefficient.
- Available with Non-inductive winding.

SPECIFICATIONS:

- Resistance tolerance $\pm 5\%$... Closer tolerance available.
- Temperature coefficient ± 150 PPM ... Lower TC available.
- Available Resistance Range of 1 to 50,000 Ohm.
- Supplementary insulation is recommended when potential to ground is greater than 500 V.
- Dimensional tolerances $\pm 1/32$ ".

**MEMCOR-
TRUOHM INC.**

Molded Silicone: Type ML — 1, 2, 3 Watts/Ohm Values 7-10,000
Vitreous Enamel: Type VL — 3, 5, 10 Watts/Ohm Values 1-50,000

**WIREWOUND
RESISTORS**

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