

OHMITE - MINI-MOX SERIES - 1% METAL OXIDE AXIAL HIGH VOLTAGE RESISTORS

Features:

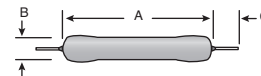
- Wide resistance ranges
- Silicone or epoxy coating
- Metal oxide resistive element
- Works well in precision circuits

Specifications:

- Resistance Tolerance: 1%
- Voltage Rating: 1KV to 5KV
- Power Rating: .5W to 1W @ 25°C
- Operating Temperature Range: -55°C to +220°C

Applications:

- Avionics
- Medical electronics
- High gain feedback applications
- Current pulse limiters
- Vacuum and space application



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Value (Ω)	Power	Tol. %	Dimensions: in.			Lead Dia. (IN)	Price Each				
					A	B	C		1	10	50	100	250
500V													
588-MOX-200001005FE	MOX-200001005FE	10M	0.25W	1%	0.26	0.09	1.3	0.02	3.16	2.60	2.55	1.59	1.47
588-MOX-200002505FE	MOX-200002505FE	25M	0.25W	1%	0.26	0.09	1.3	0.02	3.36	2.85	2.55	1.59	1.47
588-MOX-200005005FE	MOX-200005005FE	50M	0.25W	1%	0.26	0.09	1.3	0.02	3.44	2.43	1.85	1.58	1.53
588-MOX-200001006FE	MOX-200001006FE	100M	0.25W	1%	0.26	0.09	1.3	0.02	5.51	4.77	2.97	2.24	2.04
588-MOX-200001005JE	MOX-200001005JE	10M	0.25W	5%	0.26	0.09	1.3	0.02	2.18	1.84	1.18	1.06	.97
588-MOX-200002505JE	MOX-200002505JE	25M	0.25W	5%	0.26	0.09	1.3	0.02	2.38	1.68	1.28	1.10	1.06
588-MOX-200005005JE	MOX-200005005JE	50M	0.25W	5%	0.26	0.09	1.3	0.02	6.49	4.57	3.48	2.98	2.88
588-MOX-200001006JE	MOX-200001006JE	100M	0.25W	5%	0.26	0.09	1.3	0.02	2.18	1.84	1.18	1.06	.97
588-MOX-200001007JE	MOX-200001007JE	1000M	0.25W	5%	0.26	0.09	1.3	0.02	6.98	6.04	4.75	3.24	2.91
1KV													
588-MOX-300001004FE	MOX-300001004FE	1M	0.50W	1%	0.354	0.13	1.3	0.03	3.78	3.33	2.42	2.24	2.05
588-MOX-300002004FE	MOX-300002004FE	2M	0.50W	1%	0.354	0.13	1.3	0.03	3.59	3.17	2.29	2.13	1.95
588-MOX-300005004FE	MOX-300005004FE	5M	0.50W	1%	0.354	0.13	1.3	0.03	3.77	2.66	2.02	1.74	1.67
588-MOX-300001505FE	MOX-300001505FE	15M	0.50W	1%	0.354	0.13	1.3	0.03	3.59	3.17	2.29	2.13	1.95
588-MOX-300002505FE	MOX-300002505FE	25M	0.50W	1%	0.354	0.13	1.3	0.03	4.41	3.11	2.37	2.03	1.96
588-MOX-300005005FE	MOX-300005005FE	50M	0.50W	1%	0.354	0.13	1.3	0.03	4.45	3.14	2.37	1.96	1.94
588-MOX-300001506FE	MOX-300001506FE	150M	0.50W	1%	0.354	0.13	1.3	0.03	4.45	3.14	2.37	1.96	1.94
588-MOX-300002506FE	MOX-300002506FE	250M	0.50W	1%	0.354	0.13	1.3	0.03	4.41	3.11	2.37	2.03	1.96
2.5KV													
588-MOX-400235004FE	MOX-400235004FE	5M	0.75W	1%	0.58	0.165	1.5	0.02	5.14	3.35	2.52	2.40	2.24
588-MOX-400232505FE	MOX-400232505FE	25M	0.75W	1%	0.58	0.165	1.5	0.02	6.38	5.10	4.98	4.85	4.05
588-MOX-400235005FE	MOX-400235005FE	50M	0.75W	1%	0.58	0.165	1.5	0.02	6.25	5.63	5.00	4.50	4.39
588-MOX-400231506FE	MOX-400231506FE	150M	0.75W	1%	0.58	0.165	1.5	0.02	8.30	5.88	4.51	3.88	3.74
588-MOX-400232006FE	MOX-400232006FE	200M	0.75W	1%	0.58	0.165	1.5	0.02	6.05	4.27	3.25	2.79	2.69
588-MOX-400235006FE	MOX-400235006FE	500M	0.75W	1%	0.58	0.165	1.5	0.02	6.38	5.10	4.98	4.85	4.05
5KV													
588-MOX750232505FE	MOX-750232505FE	25M	1.00W	1%	0.88	0.165	1.5	0.02	6.85	6.23	5.80	5.58	4.65
588-MOX750237505FE	MOX-750237505FE	75M	1.00W	1%	0.88	0.165	1.5	0.02	6.85	6.23	5.80	5.58	4.65
588-MOX750232506FE	MOX-750232506FE	250M	1.00W	1%	0.88	0.165	1.5	0.02	5.55	3.92	2.98	2.56	2.46
588-MOX750231007FE	MOX-750231007FE	1000M	1.00W	1%	0.88	0.165	1.5	0.02	9.45	5.46	4.31	4.04	3.84

Ohmite Power Resistors

OHMITE - SLIM-MOX SERIES - 1% METAL OXIDE PLANAR RESISTORS 1/2 WATT - 2.5 WATT

Features:

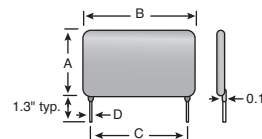
- High dielectric and low out gassing epoxy coating
- Low resistor noise
- Non Inductive

Specifications:

- Resistance Tolerance: 1%
- Voltage Rating: 1KV to 20KV
- Power Rating Range: .5W to 2.5 watts @ 25°C
- Operating Temperature Range: -55°C to +110°C

Applications:

- High Voltage Power Supplies
- Medical Instrumentation
- Current pulse limiters
- Ionization Chambers



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Value (Ω)	Power @ 25°C	Dimensions: in.				Price Each				
				A	B	C	D	1	10	50	100	250
2KV												
588-SM101031003FE	SM101031003FE	100K	0.5W	0.34	0.33	0.2	0.025	3.79	3.22	2.74	1.74	1.65
588-SM101031004FE	SM101031004FE	1M	0.5W	0.34	0.33	0.2	0.025	6.05	5.96	4.46	3.11	2.87
588-SM101031504FE	SM101031504FE	1.5M	0.5W	0.34	0.33	0.2	0.025	5.80	3.85	3.45	3.05	2.80
588-SM101035004FE	SM101035004FE	5M	0.5W	0.34	0.33	0.2	0.025	4.20	3.29	3.20	3.10	2.55
588-SM101031505FE	SM101031505FE	15M	0.5W	0.34	0.33	0.2	0.025	4.09	3.59	2.94	2.22	2.05
588-SM101035005FE	SM101035005FE	50M	0.5W	0.34	0.33	0.2	0.025	3.97	3.37	2.87	1.82	1.73
7.5KV												
588-SM103031004FE	SM103031004FE	1M	1.25W	0.34	0.83	0.6	0.032	6.05	5.96	4.46	3.11	2.87
588-SM103035004FE	SM103035004FE	5M	1.25W	0.34	0.83	0.6	0.032	3.90	3.84	3.77	3.73	3.10
588-SM103032005FE	SM103032005FE	20M	1.25W	0.34	0.83	0.6	0.032	6.23	6.14	4.60	3.20	2.96
588-SM103031006FE	SM103031006FE	100M	1.25W	0.34	0.83	0.6	0.032	6.02	5.96	4.66	3.11	2.87
588-SM103031506FE	SM103031506FE	150M	1.25W	0.34	0.83	0.6	0.032	3.88	3.30	2.80	1.78	1.69
15KV												
588-SM106031004FE	SM106031004FE	1M	2.0W	0.34	1.58	1.4	0.032	3.79	3.22	2.74	1.74	1.65
588-SM106032004FE	SM106032004FE	2M	2.0W	0.34	1.58	1.4	0.032	4.20	3.29	3.16	3.07	2.55
588-SM106031006FE	SM106031006FE	100M	2.0W	0.34	1.58	1.4	0.032	4.29	3.65	3.10	1.97	1.87
588-SM106032006FE	SM106032006FE	200M	2.0W	0.34	1.58	1.4	0.032	4.20	3.29	3.16	3.07	2.55
588-SM106031007FE	SM106031007FE	1000M	2.0W	0.34	1.58	1.4	0.032	4.20	3.29	3.20	3.10	2.55
20KV												
588-SM108031003FE	SM108031003FE	100K	2.5W	0.34	2.08	1.9	0.032	3.90	3.84	3.77	3.73	3.10
588-SM108035003FE	SM108035003FE	500K	2.5W	0.34	2.08	1.9	0.032	6.02	5.05	4.33	2.89	2.60
588-SM108031004FE	SM108031004FE	1M	2.5W	0.34	2.08	1.9	0.032	4.97	4.22	3.59	2.28	2.16
588-SM108035004FE	SM108035004FE	5M	2.5W	0.34	2.08	1.9	0.032	6.02	5.05	4.33	2.93	2.88
588-SM108032005FE	SM108032005FE	20M	2.5W	0.34	2.08	1.9	0.032	5.05	3.89	3.45	2.72	2.46
588-SM108037505FE	SM108037505FE	75M	2.5W	0.34	2.08	1.9	0.032	4.97	4.22	3.59	2.28	2.16
588-SM108031506FE	SM108031506FE	150M	2.5W	0.34	2.08	1.9	0.032	3.90	3.84	3.77	3.73	3.10
588-SM108031507FE	SM108031507FE	1500M	2.5W	0.34	2.08	1.9	0.032	4.97	4.22	3.59	2.28	2.16