

# OHMITE 1% Metal Oxide Axial High Voltage Resistors



## MINI-MOX SERIES

### Features:

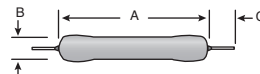
- Wide resistance ranges
- Silicone or epoxy coating
- Metal oxide resistive element
- Works well in precision circuits

### 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 of 500 and up, 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	
<b>500V</b>														
588-MOX-200001005FE	MOX-200001005FE	10M	.25W	1%	0.26	0.09	1.3	0.02	2.62	2.23	1.90	1.50	1.35	
588-MOX-200002505FE	MOX-200002505FE	25M	.25W	1%	0.26	0.09	1.3	0.02	3.36	2.85	2.42	1.48	1.35	
588-MOX-200005005FE	MOX-200005005FE	50M	.25W	1%	0.26	0.09	1.3	0.02	4.70	4.00	3.40	1.71	1.50	
588-MOX-200001006FE	MOX-200001006FE	100M	.25W	1%	0.26	0.09	1.3	0.02	6.50	5.53	4.70	4.20	3.50	
588-MOX-200001005JE	MOX-200001005JE	10M	.25W	5%	0.26	0.09	1.3	0.02	2.32	1.98	1.68	1.35	1.20	
588-MOX-200002505JE	MOX-200002505JE	25M	.25W	5%	0.26	0.09	1.3	0.02	3.29	2.80	2.38	1.13	1.05	
588-MOX-200005005JE	MOX-200005005JE	50M	.25W	5%	0.26	0.09	1.3	0.02	4.18	3.56	3.03	1.51	1.34	
588-MOX-200001006JE	MOX-200001006JE	100M	.25W	5%	0.26	0.09	1.3	0.02	6.32	5.37	4.56	3.90	3.40	
588-MOX-200001007JE	MOX-200001007JE	1000M	.25W	5%	0.26	0.09	1.3	0.02	7.29	6.20	5.27	3.49	3.11	
<b>1KV</b>														
588-MOX-300001004FE	MOX-300001004FE	1M	0.50W	1%	0.354	0.13	1.3	0.03	3.59	3.17	2.29	2.13	1.95	
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	3.25	2.87	2.07	1.84	1.73	
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	4.67	3.31	2.49	2.25	2.09	
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	1.91	
588-MOX-300001506FE	MOX-300001506FE	150M	0.50W	1%	0.354	0.13	1.3	0.03	4.67	3.31	2.49	2.25	2.09	
588-MOX-300002506FE	MOX-300002506FE	250M	0.50W	1%	0.354	0.13	1.3	0.03	4.67	3.31	2.49	2.25	2.09	
<b>2.5KV</b>														
588-MOX-400235004F-E	MOX-400235004FE	5M	0.75W	1%	0.58	0.165	1.5	0.02	5.14	3.65	2.95	2.64	2.34	
588-MOX-400232505F-E	MOX-400232505FE	25M	0.75W	1%	0.58	0.165	1.5	0.02	8.29	7.15	5.60	5.10	4.35	
588-MOX-400235005F-E	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-400231506F-E	MOX-400231506FE	150M	0.75W	1%	0.58	0.165	1.5	0.02	5.14	4.38	4.25	4.13	4.01	
588-MOX-400232006F-E	MOX-400232006FE	200M	0.75W	1%	0.58	0.165	1.5	0.02	6.54	4.36	4.07	3.65	3.05	
588-MOX-400235006F-E	MOX-400235006FE	500M	0.75W	1%	0.58	0.165	1.5	0.02	7.55	5.05	4.09	3.55	3.25	
<b>5KV</b>														
588-MOX750232505FE	MOX-750232505FE	25M	1.00W	1%	0.88	0.165	1.5	0.02	6.85	6.23	5.60	4.98	4.48	
588-MOX750237505FE	MOX-750237505FE	75M	1.00W	1%	0.88	0.165	1.5	0.02	5.81	4.45	3.52	3.26	3.15	
588-MOX750232506FE	MOX-750232506FE	250M	1.00W	1%	0.88	0.165	1.5	0.02	5.81	4.45	3.52	2.84	2.59	
588-MOX750237506FE	MOX-750237506FE	750M	1.00W	1%	0.88	0.165	1.5	0.02	5.81	4.45	3.52	2.84	2.59	
588-MOX750231007FE	MOX-750231007FE	1000M	1.00W	1%	0.88	0.165	1.5	0.02	6.23	4.82	3.81	3.57	3.50	

Power Resistors

Ohmite

# OHMITE 1% Metal Oxide Planar Resistors 1/2 Watt - 2.5 Watt



## SLIM-MOX SERIES

### Features:

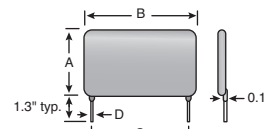
- High dielectric and low out gassing epoxy coating
- Low resistor noise
- Non Inductive

### 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 of 500 and up, 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
<b>2KV</b>												
588-SM101031003FE	SM101031003FE	100K	.5W	0.34	0.33	0.2	0.025	3.35	2.67	2.38	1.98	1.80
588-SM101031004FE	SM101031004FE	1M	.5W	0.34	0.33	0.2	0.025	3.35	2.67	2.38	1.98	1.80
588-SM101031504FE	SM101031504FE	1.5M	.5W	0.34	0.33	0.2	0.025	3.35	2.67	2.38	1.98	1.80
588-SM101035004FE	SM101035004FE	5M	.5W	0.34	0.33	0.2	0.025	3.35	2.67	2.38	1.98	1.80
588-SM101031505FE	SM101031505FE	15M	.5W	0.34	0.33	0.2	0.025	3.35	2.67	2.38	1.98	1.80
588-SM101035005FE	SM101035005FE	50M	.5W	0.34	0.33	0.2	0.025	3.35	2.67	2.38	1.98	1.80
<b>7.5KV</b>												
588-SM103031004FE	SM103031004FE	1M	1.25W	0.34	0.83	0.6	0.032	3.54	2.85	2.53	2.11	1.80
588-SM103035004FE	SM103035004FE	5M	1.25W	0.34	0.83	0.6	0.032	3.54	2.85	2.53	2.11	1.97
588-SM103032005FE	SM103032005FE	20M	1.25W	0.34	0.83	0.6	0.032	3.54	2.85	2.53	2.11	1.80
588-SM103031006FE	SM103031006FE	100M	1.25W	0.34	0.83	0.6	0.032	3.54	2.85	2.53	2.11	1.80
588-SM103031506FE	SM103031506FE	150M	1.25W	0.34	0.83	0.6	0.032	3.54	2.85	2.53	2.11	1.80
<b>15KV</b>												
588-SM106031004FE	SM106031004FE	1M	2.0W	0.34	1.58	1.4	0.032	4.20	3.29	2.93	2.44	2.40
588-SM106032004FE	SM106032004FE	2M	2.0W	0.34	1.58	1.4	0.032	4.20	3.29	2.93	2.44	2.40
588-SM106031006FE	SM106031006FE	100M	2.0W	0.34	1.58	1.4	0.032	4.38	3.80	3.29	2.76	2.40
588-SM106032006FE	SM106032006FE	200M	2.0W	0.34	1.58	1.4	0.032	4.20	3.29	2.93	2.44	2.40
588-SM106031007FE	SM106031007FE	1000M	2.0W	0.34	1.58	1.4	0.032	4.20	3.29	2.93	2.44	2.40
<b>20KV</b>												
588-SM108031003FE	SM108031003FE	100K	2.5W	0.34	2.08	1.9	0.032	4.84	3.73	3.31	2.76	2.40
588-SM108035003FE	SM108035003FE	500K	2.5W	0.34	2.08	1.9	0.032	4.84	3.73	3.31	2.76	2.40
588-SM108031004FE	SM108031004FE	1M	2.5W	0.34	2.08	1.9	0.032	4.84	3.73	3.31	2.76	2.40
588-SM108035004FE	SM108035004FE	5M	2.5W	0.34	2.08	1.9	0.032	4.84	3.73	3.31	2.80	2.75
588-SM108032005FE	SM108032005FE	20M	2.5W	0.34	2.08	1.9	0.032	4.84	3.73	3.31	2.76	2.40
588-SM108037505FE	SM108037505FE	75M	2.5W	0.34	2.08	1.9	0.032	4.84	3.73	3.31	2.76	2.40
588-SM108031506FE	SM108031506FE	150M	2.5W	0.34	2.08	1.9	0.032	4.84	3.73	3.31	2.76	2.40
588-SM108031507FE	SM108031507FE	1500M	2.5W	0.34	2.08	1.9	0.032	4.84	3.73	3.31	2.76	2.40