

Slim-Mox HT

High Temperature Thick Film Precision

The Slim-Mox HT provides a higher power rating for high ambient temperature environments. Appropriate for mounting near heat generating components. The Slim-Mox HT is finished with a rugged silicone coating suitable for most environments.

SERIES SPECIFICATIONS

Ohmite Series	Resistance Range (Ohms)	Power @25°C	Voltage Rating
SLIM-MOX10002	100Ω to 500M	0.40W	1.5KV
SLIM-MOX10102	100Ω to 1,000M	0.75W	2.0KV
SLIM-MOX10202	200Ω to 5,000M	1.50W	5.0KV
SLIM-MOX10302	250Ω to 5,000M	2.00W	7.5KV
SLIM-MOX10402	500Ω to 5,000M	2.50W	10.0KV
SLIM-MOX10602	750Ω to 5,000M	3.25W	15.0KV
SLIM-MOX10802	1K to 5,000M	4.25W	20.0KV
SLIM-MOX20202	500Ω to 5,000M	2.50W	5.0KV
SLIM-MOX20402	1K to 5,000M	3.25W	10.0KV
SLIM-MOX20602	2K to 5,000M	4.25W	15.0KV
SLIM-MOX20802	2K to 5,000M	5.00W	20.0KV
SLIM-MOX21002	3K to 5,000M	5.75W	25.0KV
SLIM-MOX30602	3K to 5,000M	5.50W	15.0KV
SLIM-MOX30802	4K to 5,000M	6.75W	20.0KV
SLIM-MOX31002	5K to 5,000M	7.50W	25.0KV
SLIM-MOX40402	3K to 5,000M	5.00W	10.0KV
SLIM-MOX40802	5K to 5,000M	8.25W	20.0KV
SLIM-MOX41002	5K to 5,000M	9.00W	25.0KV

Contact Ohmite for custom configurations.

APPLICATIONS

- HV power supplies
- Medical instrumentation
- Current pulse limiters
- Ionization chambers

FEATURES

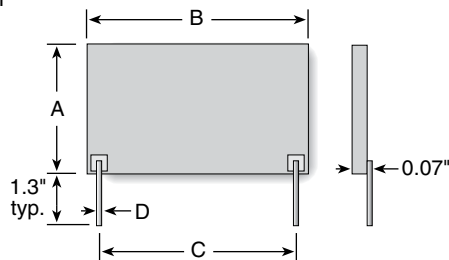
- Outstanding voltage coefficient
- High temperature silicone coating
- Low resistor noise
- Noninductive
- Custom configurations are available. Contact Ohmite with your specifications
- RoHS compliant
- Radial Terminals

CHARACTERISTICS

Resistor Element	Thick film on Alumina
Coating	Silicone
Resistance Range	100Ω to 5,000M
Power Rating	0.25W to 9.0W
Voltage Rating	1.5KV to 25KV
Tolerance	0.5% to 20%; not all tolerances available in all values
Operating Temperature	-55°C to +180°C

DIMENSIONS

in. /mm



Series	Power @25°C	A max.	B max.	C ±0.025	D ±0.002
SLIM-MOX10002	0.40W	0.20" / 5.08	0.20" / 5.08	0.10" / 2.54	0.025" / 0.635
SLIM-MOX10102	0.75W	0.25" / 6.35	0.25" / 6.35	0.20" / 5.08	0.025" / 0.635
SLIM-MOX10202	1.50W	0.25" / 6.35	0.50" / 12.70	0.40" / 10.16	0.032" / 0.813
SLIM-MOX10302	2.00W	0.25" / 6.35	0.75" / 19.05	0.60" / 15.24	0.032" / 0.813
SLIM-MOX10402	2.50W	0.25" / 6.35	1.00" / 25.40	0.90" / 22.86	0.032" / 0.813
SLIM-MOX10602	3.25W	0.25" / 6.35	1.50" / 38.10	1.40" / 35.56	0.032" / 0.813
SLIM-MOX10802	4.25W	0.25" / 6.35	2.00" / 50.80	1.90" / 48.26	0.032" / 0.813
SLIM-MOX20202	2.50W	0.50" / 12.70	0.50" / 12.70	0.40" / 10.16	0.032" / 0.813
SLIM-MOX20402	3.25W	0.50" / 12.70	1.00" / 38.10	0.90" / 22.86	0.032" / 0.813
SLIM-MOX20602	4.25W	0.50" / 12.70	1.50" / 38.10	1.40" / 35.56	0.032" / 0.813
SLIM-MOX20802	5.00W	0.50" / 12.70	2.00" / 50.80	1.90" / 48.26	0.032" / 0.813
SLIM-MOX21002	5.75W	0.50" / 12.70	2.50" / 63.50	2.40" / 60.96	0.032" / 0.813
SLIM-MOX30602	5.50W	0.75" / 19.05	1.50" / 38.10	1.40" / 35.56	0.032" / 0.813
SLIM-MOX30802	6.75W	0.75" / 19.05	2.00" / 50.80	1.90" / 48.26	0.032" / 0.813
SLIM-MOX31002	7.50W	0.75" / 19.05	2.50" / 63.50	2.40" / 60.96	0.032" / 0.813
SLIM-MOX40402	5.00W	1.00" / 25.40	1.00" / 25.40	0.90" / 22.86	0.032" / 0.813
SLIM-MOX40802	8.25W	1.00" / 25.40	2.00" / 50.80	1.90" / 48.26	0.032" / 0.813
SLIM-MOX41002	9.00W	1.00" / 25.40	2.50" / 63.50	2.40" / 60.96	0.032" / 0.813