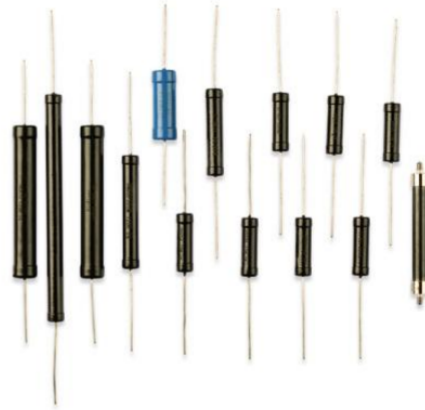


Series SHV Resistor

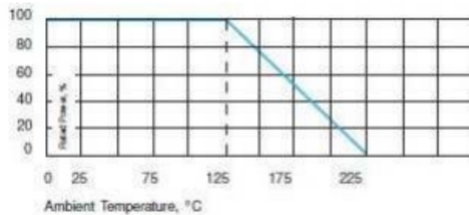
The series employs our special METOXFILM, which demonstrates excellent stability and a wide resistance range. Power and voltage ratings are for continuous operation and have all been pretested for steady-state performance as well as momentary overload conditions.

- up to 48 KV operating voltage
- Non - inductive design,
- ROHS compliant
- High operating voltage , The stability good
- Application for Electronic Transformer
- Voltages up to 60% higher than the values listed – “S”-Version

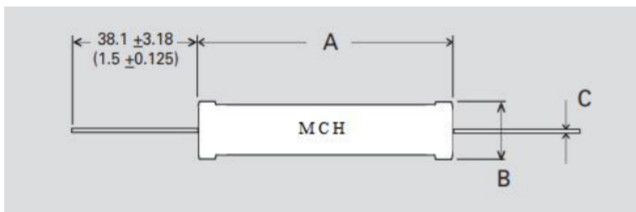


Product Detail:

1. Derating



2. Dimensions in millimeters



3. Technical and standard electrical specifications

Type	Wattage 25°C	Wattage 75°C	Wattage 125°C	Max. kV	Max. kV "S"	Dimensions in millimeters (inches)		
						A (±1.00/±0.04)	B (±1.00 /±0.04)	C (±1.00 /±0.04)
SHV03	2.5	2.5	1.5	3.0	4.8	20.2.00/0.80	8.20/0.32	1.00/0.04
SHV04	3.7	3.7	2.5	4.0	6.4	26.9/1.06	8.20/0.32	1.00/0.04
SHV05	4.5	4.5	3.0	5.0	8.0	33.0/1.30	8.20/0.32	1.00/0.04
SHV06	5.2	5.2	3.5	8.0	12.8	39.5/1.56	8.20/0.32	1.00/0.04
SHV08	7.5	7.5	5.0	10.0	16.0	52.1/2.05	8.20/0.32	1.00/0.04
SHV11	11	11	7.5	15.0	24.0	77.70/3.06	8.20/0.32	1.00/0.04
SHV12	12	12	8.0	20.0	32.0	102.9/4.05	8.20/0.32	1.00/0.04
SHV15	15	15	10.0	25.0	40.0	123.7/4.87	8.20/0.32	1.00/0.04
SHV20	20	20	15.0	30.0	48.0	153.7/6.05	8.20/0.32	1.00/0.04

4. Specifications

Resistance ranges: 100Ω-1GΩ

Resistance Tolerance: $\pm 0.5\%$ to $\pm 10\%$ standard

down to $\pm 0.1\%$ on special request for limited ohmic values

Temperature Coefficient: ± 80 ppm/°C (at +85°C ref. to +25°C)

down to ± 25 ppm/°C or lower on special request for limited ohmic values and model no.

Max. Operating Temperature: + 225 °C

Load life: 1,000 hours at 125°C and rated power, components with 1 % tol. ΔR 0.2 % max., $\Delta R = 0.5$ % max.

Load life stability: typical ± 0.02 % per 1,000 hours

Moisture resistance: MIL-Std-202, method 106, ΔR 0.4 % max.

Thermal shock: MIL-Std-202, method 107, Cond. C, ΔR 0.25 % max.

Encapsulation: standard: silicone coating other coating options (like 2xpolyimide, glass) available on request

Lead Material: O.F.H.C. tin-plated

Weight: depending on model no. (ask for details)

On special request for different Voltage and Size

5. Ordering Information

Type	ohmic Value	TOL	TCR
SHV04	20M	1%	25PPM