

## High Voltage Resistor

### SMD



#### Features

- palladium silver termination
- low inductive

#### Applications

- medical instrumentation
- current pulse limiters
- electrostatics

# NAME

## MODELL

metallux.de

technology matters

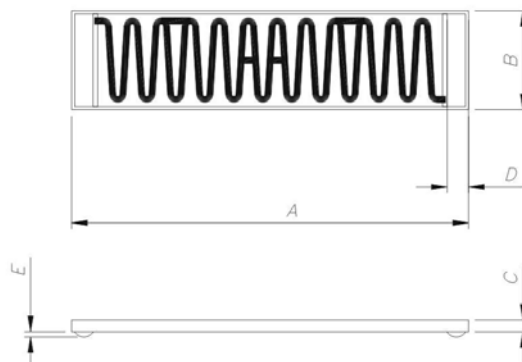
### Characteristics

Operating temperature	- 55°C ... + 175°C
Temperature coefficient	15 ... 200 ppm/°C
Tolerance	10 %
Insulation resistance	10.000 MΩ (500 V 25°C 75 % relative humidity)
Dielectric strength	> 1.000 V (25°C 75 % relative humidity)
Thermal shock	Δ R/R 0,25% max. (MIL Std. 202, meth. 107 Cond. C. IEC 68-2-14)
Overload	Δ R/R 0,25% max. (1,5xP <sub>Nom</sub> , 5sec do not exceed 1,5xV max)
Moisture resistance	Δ R/R 0,25% max ... MIL Std. 202, method 106...IEC 68-2-3
Long term stability	Δ R/R 0,25% see diagram 1000 h. at rated power IEC 115-1
Coating	screen printed coating
Terminals	palladium silver, tin plated
Voltage rating	2,0 KV up to 10,0 KV
Power Rating	0,5 W up to 2,0 W

### General Specifications

Type	R-Value	Power at 25°C	Voltage Rating	Physical Dimensions inches (mm)				
	in Ω			A	B	C	D	E
PR 2550	200-5 GΩ	1,0 W	5,0 KV	0,5" (12,7)	0,25" (6,35)	0,03" (0,76)	0,05" (1,27)	0,03" (0,76)
PR 25100	200-5 GΩ	1,5 W	10,0 KV	1,0" (25,4)	0,25" (6,35)	0,03" (0,76)	0,05" (1,27)	0,03" (0,76)

### Graph



### How to order

Type	R-Value	Tol.	TC
PR 2550	10 M	10 %	100