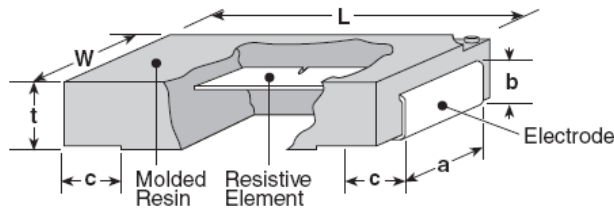


## Type SLN5- 7W current sense resistor

### 1. General

- Power Rating: 7W
- Flameproof UL94V0 molded polymer case
- Excellent dimension accuracy, mountability and shock resistance
- Product with lead-free terminations meet EU RoHS requirements

### 2. Dimensions



Size Code	L in(mm)	W in(mm)	t in(mm)	a in(mm)	b in(mm)	c in(mm)
SLN5 (4527)	.453±0.12 (11.5±0.3)	.276±.008 (7.0±0.2)	.098±.008 (2.5±0.2)	.217±.008 (5.5±0.2)	.075±.008 (1.9±0.2)	.100±.016 (2.55±0.4)

### 3. Type Designations\*

SLN	5	T	TED	10L0	F
Type	Size	Termination	Packaging	Nominal Resistance	Tolerance
	5:7W	T: Sn	TED:10" embossed plastic (1,000 pieces/reel)	5L00:5mΩ 10L0:10mΩ R100:100mΩ	D: ±0.5% F: ±1%

### 4. Ratings

Part Designation	Power Rating	T.C.R. (ppm/°C) Max.	Nominal Resistance (Ω) E-24*	Resistance Tolerance	Operating Temperature Range	Rated Terminal Part Temperature
SLN5	7W (5W)**	±110ppm/°C:R<10mW ±75ppm/°C:R=>10mW	5mΩ ~ 200mΩ	D: ±0.5% F: ±1%	-65°C to + 180°C	+70°C (+120°C)**

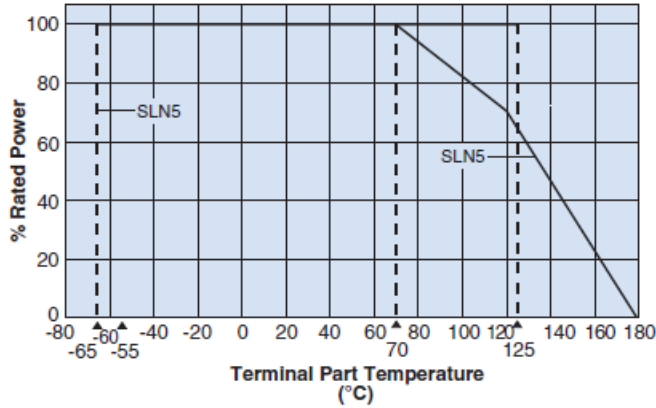
\*5m, 6m, 7m, 8m and 9m available within resistance range.

\*\*In the case the rated terminal part temperature of 120°C, the rated power shall be 5W.

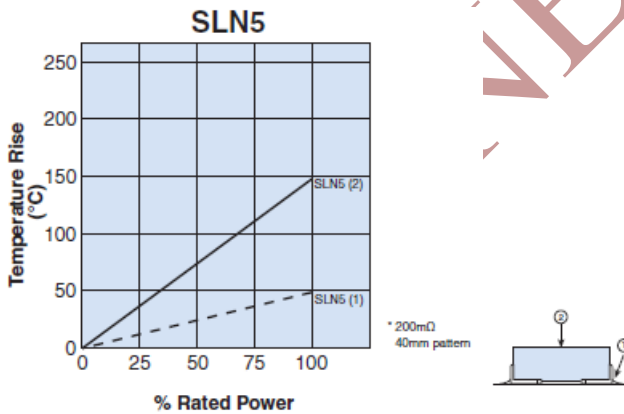
\*Please note: KOA's Part Numbers Do Not Contain and Space or Hyphens.

**5. Power Derating Curve**

For resistors operated at a terminal part temperature of described for each size or above, a power rating shall be derated in accordance with the derating curve. Please contact KOA in regards to the derating curve based on the terminal part temperature.



**6. Temperature Rise**



\*Please note: KOA's Part Numbers Do Not Contain and Space or Hyphens.