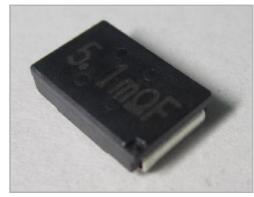
5m - 200m , 7W, Current Sensing Resistors **Molded Metal Plate Technology**



The new SLN5, flame proof, molded SMD current sensing resistor from KOA now also allows a power rating of 7 W and has a T.C.R. down to ±75 ppm/K. The terminal design absorbs solder junction stress reducing the possibility of solder cracks.

SLN5 Series

Patings



Product Features

- 7 W power rating in 4527 inch size
- Low risk of solder cracks
- High reliability
- Flame retardant resin molding (UL94 V-0)
- Excellent dimension accuracy, mountability and shockresistance due to molded construction
- AEC-Q200 gualified

Application Examples

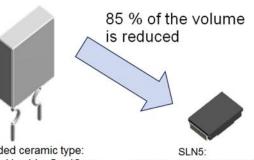
- Automotive and industrial devices • Motor control, inverters, DC/DC converters, batteries
- Power supplies, AC adapters
- Home appliances (e.g. air conditioners)

Dimensions	11.5×7.0×2.5 mm
L x W x t	(4527 inch)
Power Rating	7 W (5 W*)
Resistance Range	5 mΩ ~ 200 mΩ
T.C.R.	±110 ppm/K: <10 mΩ
	± 75 ppm/K: ≥10 mΩ

Operating Temperature: -65 °C ~ +180 °C

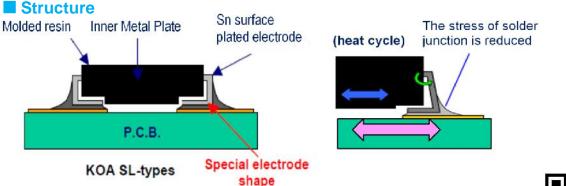
- * 5W (rated terminal temp. +120 °C)
- * 7W (rated terminal temp. +70° °C)

Volume comparison of rated power 5 W



Leaded ceramic type: $W \times D \times H = 14 \times 5 \times 18$ mm

L x W x t = 11.5 x 7 x 2.5mm



During temperature cycling, the metal terminal reduces solder junction stress.

For more information, please contact: KOA Europe GmbH, Kaddenbusch 6, D-25578 Dägeling-Itzehoe, Germany Phone: +49 (0)4821 89890, E-Mail: koa-europe@koaeurope.de, Internet: www.koaeurope.de

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