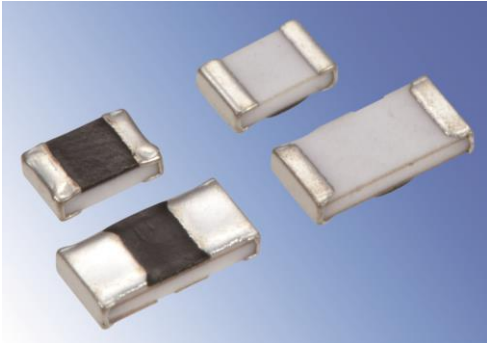
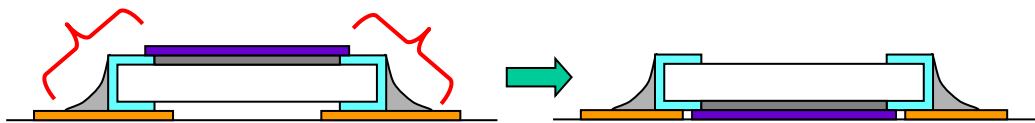


UR73V Series



KOA's UR73V-series automotive approved low ohm resistors are designed for current sense applications in demanding environments. The special facedown construction of the VD-version makes lower resistance values with a low T.C.R. possible.

The low T.C.R. of new UR73V-series and its wide operating temperature range of -55 °C to +155 °C make it ideal for applications such as automotive or high reliability DC-DC converters.



The facedown construction means that the total T.C.R. is minimized due to the shorter current path in the electrodes and solder fillet.

■ Features

- 10 mΩ to 100 mΩ, ±1 % tolerance
- High power rating
- Lower cost alternative to metal plate parts
- Standard and face down type available
- Improved high temperature reliability
- Operating temperatures -55 °C to +155 °C
- AEC-Q200 qualified
- Lab Kits are available

■ Application Examples

- Automotive, including 'under the hood' applications such as ECUs
- Power supplies
- DC-DC converters
- Motor controls
- Industrial automation
- Meter
- LED Lighting

■ Ratings

Type	Size (inch)	Power Rating	Rated Terminal Part Temp.	T.C.R. (ppm/K)	Resistance Range (Ω) E24 & 25 mΩ, 50 mΩ	Resistance Tolerance
UR73VD 2A (facedown)	0805	0.5 W	+100 °C	0 ~ +250	10 m - 11 m	±1%
				0 ~ +150	12 m - 13 m	
				±75	15 m - 36 m	
UR73V 2A				±75	39 m - 100 m	
UR73VD 2B (facedown)	1206	0.5 W	+125 °C	0 ~ +250	10 m - 11 m	
				±75	12 m - 27 m	
		NEW 1 W	+95 °C	0 ~ +250	10 m - 11 m	
				±75	12 m - 27 m	
UR73V 2B	1206	0.5 W	+125 °C	±75	33 m - 75 m	
				±100	30 m, 82 m - 100 m	
		NEW 1 W	+95 °C	±75	33 m - 75 m	
				±100	30 m, 82 m - 100 m	

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Our privacy policy in its newest form is available at <https://koaeurope.de/privacy-policy/>

■ [Datasheet](#)

