



# INTELLIGENT LIGHTING



From fading headlights to prevent glare to oncoming vehicles, to being able to project information onto the road surface, automotive lighting is changing. This increased functionality means that reliability will be more important than ever. Electronic designs will demand both high reliability and high quality components. Both of these are key factors in KOA's portfolio which offers a broad line up of different special resistors.

## Key Products

- SG73P Anti-pulse resistors

## Key Features

- Ideal for space saving on gate drive circuits
- $\pm 0.5\%$ ,  $\pm 1\%$ ,  $\pm 2\%$ ,  $\pm 5\%$
- 0402 - 1210 size (5 sizes)
- AEC-Q200 tested

## Key Applications

- Gate drive circuits
- IO line surge protection
- Industrial electronics
- Motor control units

## Key Benefits

- 7 times pulse handling capability compared to standard flat chip resistors
- Higher power ratings compared to standard flat chip resistors
- Highest power on 0402 size with 250 mW

