

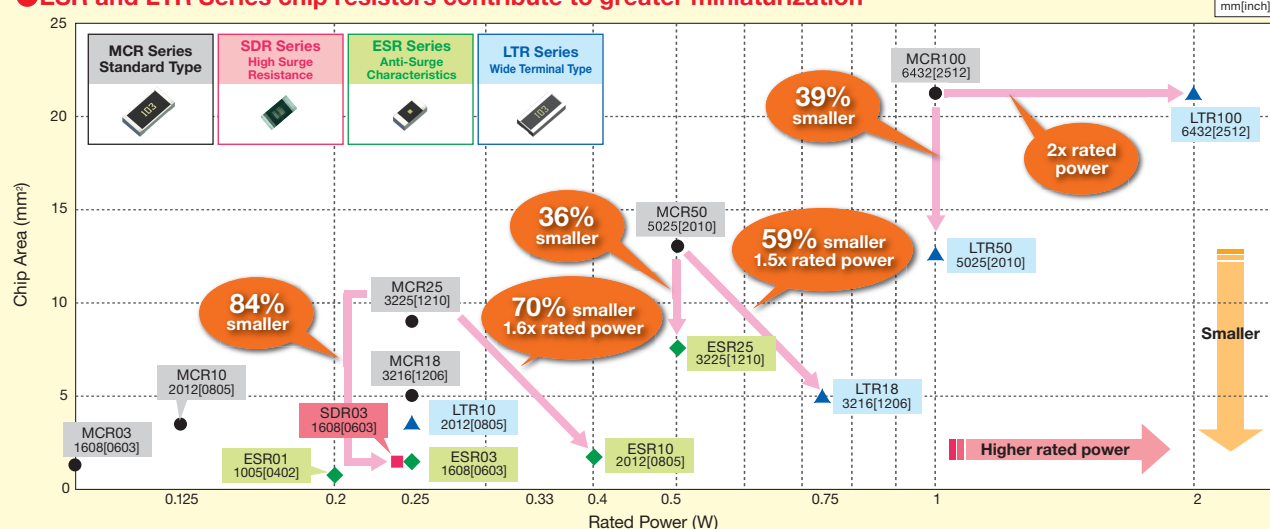
# Provides the High Level of Reliability Required for Automotive and Industrial Applications

## Anti-Surge / Wide Terminal Chip Resistors

SDR03 **NEW** / ESR / LTR Series

### Rated Power vs Chip Area

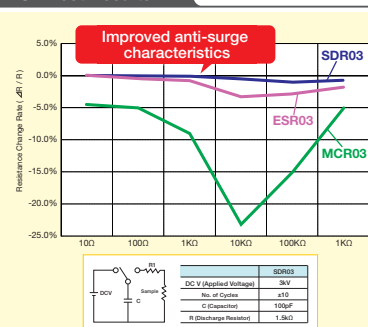
● ESR and LTR Series chip resistors contribute to greater miniaturization



### High Surge Resistance Chip Resistors : SDR03

- Original resistive element pattern and trimming technology significantly improve surge resistance characteristics
- Provides the same level of surge resistance as 2012[0805]-size products in a more compact 1608[0603]-size form factor

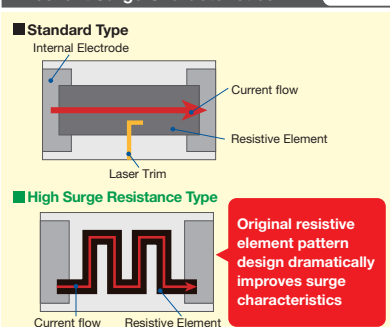
#### ESD Test Results



### Anti-Surge Chip Resistors : ESR Series

- Higher rated power (vs. standard products) increases space savings
- Guaranteed 2 to 5kV ESD resistance

#### Excellent Surge Characteristics



### Wide Terminal Chip Resistors : LTR Series

- Wide terminal configuration increases rated power significantly compared with standard products
- Shorter distance between electrodes improves junction reliability
- Guaranteed 3kV ESD resistance

#### High Rated Power

	Wide Terminal LTR Series	Conventional MCR Series
Electrode Size	Large	Small
Heat Dissipation to Substrate	Superior	Standard
Rated Power	⊙	○