HIGH POWER SMD RESISTORS
DOWN SIZING AND COMPONENT-SAVING

STANDARD TYPE

Resistance Element
Hot spot and power limitation, due to „L shaped“ laser trimming.

ANTI-SURGE TYPE STRUCTURE

Terminal
Resistor
Special laser trimming to avoid Hotspot.

WIDE TERMINAL TYPE STRUCTURE

> ERJB3 Series
(Size 0508)

> ERJB2 Series
(Size 0612)

> ERJB1 Series
(Size 1020)

Product Code
Size, Power, Rating
Resistance Tolerance
Resistance Value

Packaging Methods

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FOR AUTOMOTIVE & HIGH RELIABILITY APPLICATIONS
> Corresponding to AEC-Q200
> Wide Resistance Value
> High Power in small package
> High Performance
> Cost Saving
> Stability over life time
> High Reliability
> MELF Replacement
## HIGH POWER SMD RESISTORS

### DOWNSIZING AND COMPONENT-SAVING

#### DOWNSIZING AND COMPONENT-SAVING MATRIX

<table>
<thead>
<tr>
<th>Power</th>
<th>0402 (1005mm)</th>
<th>0603 (1608mm)</th>
<th>0805 / 0508</th>
<th>1206/0612 (3216/1632mm)</th>
<th>1210 (3225mm)</th>
<th>2010/1020 (5025/2550mm)</th>
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<td>2W</td>
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#### DOWNSIZING SOLUTION

- Reducing PCB Area
- Reducing Large Size Resistor (1206) by high power series

- 1W 0612 Wide-terminal (B2)
- 0.66W 1206 High Power (P08 up-grade enable)
- 0.5W 0508 Wide-terminal (B3)
- 0.25W 0603 High Power (PA3)
- 0.20W 0402 High Power (PA2)

### HIGH POWER TYPE
(ERJP03, P06, P08, P14)

### NEW HIGH POWER TYPE
(ERJPA2, PA3)

### WIDE TERMINAL TYPE
(ERJB3, B2, B1, A1)

### STANDARD TYPE
(ERJ2, 3, 6, 8, 14, 12, 1T)