

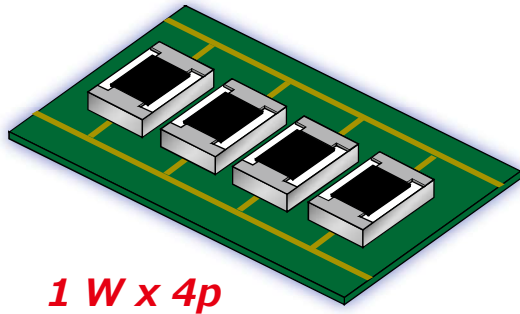
Small size & High power Wide terminal type

- Down sizing
- High power
- Anti-Surge
- Low TCR
- Anti solder joint crack
- AEC-Q200

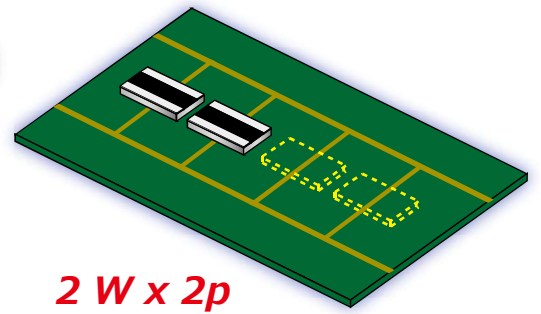
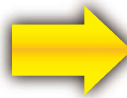
ERJB series



Improvement of High power & Anti-Surge rating



Number of pieces
50%

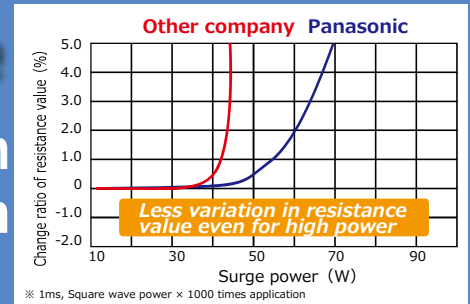


Number of pieces reduction

1. Down sizing
2. Weight saving
3. Cost saving

High Anti-Surge performance

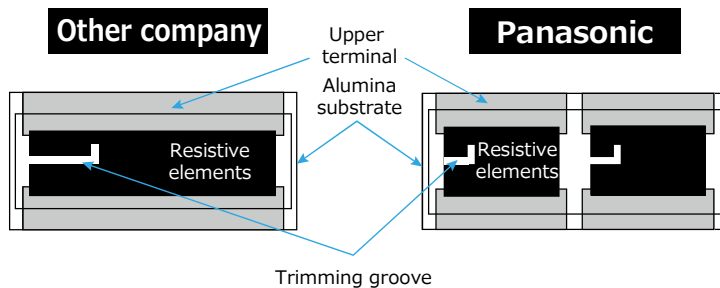
1. Failure reduction
2. Design margin securing



Point



Higher power rating by wide termination structure with separated resistive elements



- Separated resistive elements for surge distribution.
- Achieved small size & high power and overload characteristics.

Specifications

Part No.	Size (inch)	Power rating (W)	Limiting element voltage (V)	Resistance tolerance (%)	Resistance range (Ω)	TCR ($\times 10^{-6} / ^\circ\text{C}$)	Category temp. range ($^\circ\text{C}$)
ERJB1	1020	2.0 (*2)	200	± 1	10 m to 10 k	R < 22m Ω : 0 to +350 22m Ω \leq R < 47m Ω : 0 to +200 47m Ω \leq R < 100m Ω : 0 to +150 100m Ω \leq R : ± 100	-55 to 155
ERJB2 (*1)	1632	1.0 (*3)	200	± 1	10 m to 10 M	R < 22m Ω : 0 to +350 22m Ω \leq R < 47m Ω : 0 to +200 47m Ω \leq R < 100m Ω : 0 to +150 100m Ω \leq R < 220m Ω : 0 to +100 220m Ω \leq R : ± 100	
ERJB3	1220	0.33	150	± 1	20 m to 10	R < 47m Ω : 0 to +300 47m Ω \leq R < 1 Ω : 0 to +200 1 Ω \leq R : ± 200	

*1: Power rating up to 105 $^\circ\text{C}$

*2: Resistance value 10.2 Ω or more, Power rating 1.0 W

*3: Resistance value 10.2 Ω or more, Power rating 0.75 W

Please visit our website for details !

