

Small size & High power Anti-Surge type

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

ERJPA/P0 series



Improvement of High power & Anti-Surge rating

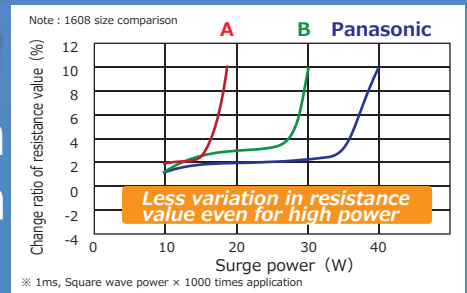


PCB area reduction

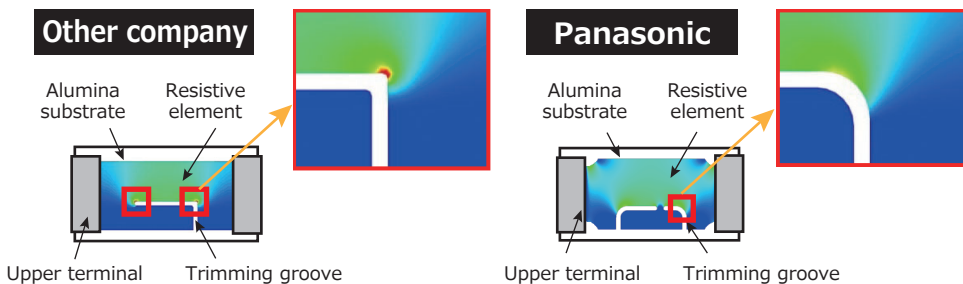
1. Down sizing
2. Weight saving
3. Cost saving

High Anti-Surge performance

1. Failure reduction
2. Design margin securing



Surge distribution by unique resistive material / trimming



- Unique "Double-C shaped trimming" 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 ($^\circ\text{C}$)
ERJPA2 (*1)	0402	0.20	50	$\pm 0.5, \pm 1$ ± 5	10 to 1 M 10 to 1 M	± 100 ± 200	-55 to 155
ERJPA3 (*2)	0603	0.25	150	$\pm 0.5, \pm 1$ ± 5	10 to 1 M 1 to 1.5 M	± 100 ± 200	
ERJPA6	0805	0.50	400	$\pm 0.5, \pm 1$ ± 5	10 to 1 M 1 to 3.3 M	$R < 33\Omega : \pm 300$ $33\Omega \leq R : \pm 100$ $R < 10\Omega : -100 \text{ to } +600$ $10\Omega \leq R < 33\Omega : \pm 300$ $33\Omega \leq R : \pm 200$	

*1 : ERJPA : AEC-Q200 Grade 1
*2 : Power rating up to 105 $^\circ\text{C}$

Please visit our website for details !

