

High precision Thin film, High reliability type

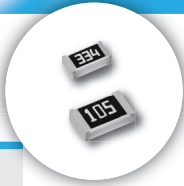
High precision

Low TCR

Anti solder joint crack

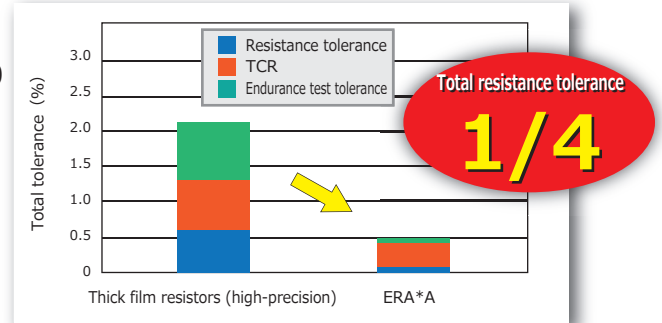
AEC-Q200

ERA*A series



Reduce total resistance value by 1/4 from high-precision thick film resistors

- ✓ Resistance tolerance $\pm 0.1\%$
- ✓ TCR $\pm 25 \text{ ppm}/^\circ\text{C}$
- ✓ Endurance test tolerance $\pm 0.1\%$



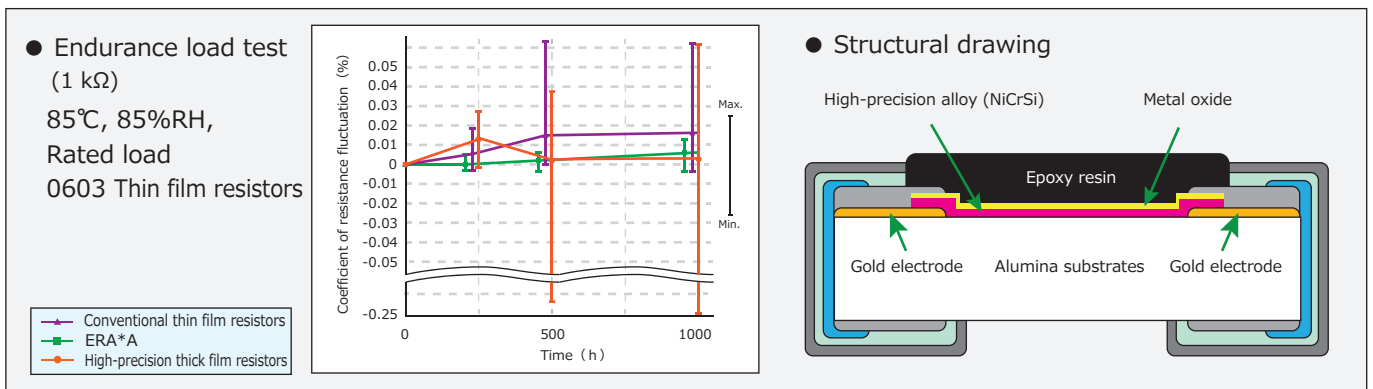
Quarter total tolerance from high-precision thick film resistors

1. Suppress deterioration of set's performance and reliability in long-term use and temperature change
2. Save design cost by design margin securing



Point

Achieving high-precision (Endurance test tolerance $\pm 0.1\%$) by original Ni & Cr & Si - High-precision resistance materials and protecting resistor by Sputter protection film.



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 ($^\circ\text{C}$)	AEC-Q200
ERA1AEB	0201	0.05	25	± 0.1	100 to 10 k	± 25	-55 to 155	—
ERA2AEB	0402	0.063	50	± 0.1	47 to 100 k	± 25		Grade 1
ERA3AEB	0603	0.1	75	± 0.1	47 to 330 k	± 25		Grade 0
ERA6AEB	0805	0.125	100	± 0.1	47 to 1 M	± 25		
ERA8AEB	1206	0.25	150	± 0.1	47 to 1 M	± 25		

Please visit our website for details !

