



Long Term Precision, High Reliability for Automotive

Features

- High reliability and high stability at elevated temperatures
- High performance T.C.R. $\pm 5\text{ppm}/^\circ\text{C}$ is available
- Excellent heat resistance with an operational temp. range of $-55^\circ\text{C} \sim +155^\circ\text{C}$
- Improved moisture resistance: 85°C , 85% $\pm\text{RH}$, 1,000 hours

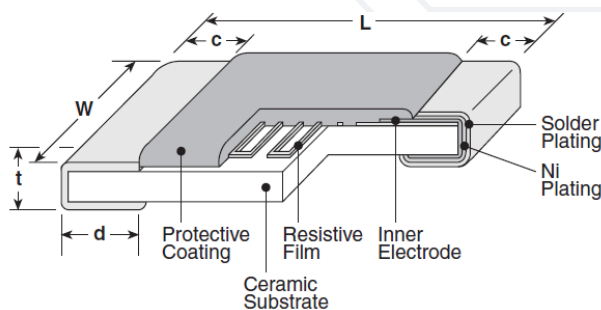
Technical Information

- Sizes: 0402, 0603, 0805, 1206, 1210
- Power rating: 0.063W-0.25W
- T. C. R.: down to $\pm 5\text{ppm}/^\circ\text{C}$
- Resistance range: 10~ 1.5M Ω
- Improved moisture resistance with special protective film
- AEC-Q200 tested



Applications

- Automotive industry
- Medical devices
- Industrial devices



Ratings

Type	Size (mm)	Power rating (W)	Resistance tolerance (%)	T.C.R. ($\times 10^{-6}/^\circ\text{K}$)	Rated ambient temp.($^\circ\text{C}$)
1E	1.0 $\times$ 0.5	0.063	A: ± 0.05 B: ± 0.1 C: ± 0.25 D: ± 0.5 F: ± 1	$\pm 10, \pm 25, \pm 50$	85
1J	1.6 $\times$ 0.8	0.1		$\pm 5, \pm 10, \pm 25, \pm 50, \pm 100$	
2A	2.0 $\times$ 1.25	0.125		$\pm 5, \pm 10, \pm 25, \pm 50, \pm 100$	
2B	3.2 $\times$ 1.6	0.25		$\pm 5, \pm 10, \pm 25, \pm 50, \pm 100$	
2E	3.2 $\times$ 2.5	0.25		$\pm 10, \pm 25, \pm 50, \pm 100$	