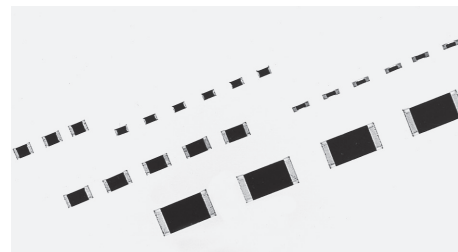


HC TYPE

High Value Chip Resistors

Resistance Range $1\text{M}\Omega \sim 150\text{G}\Omega$



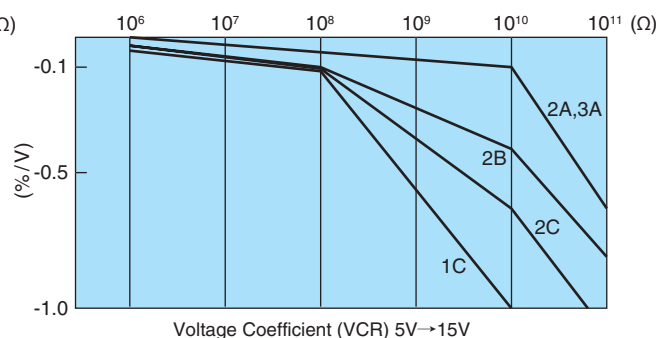
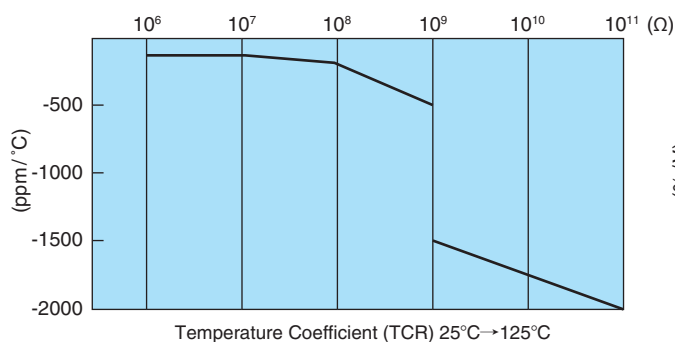
The HC type resistors are small in size, but offer high resistance and have found wide application in measuring instruments, sensor and many other apparatuses.

FEATURES

- Small in size, lightweight, and ideal for application in laborsaving equipment.
- A wide range of operating temperatures.
- Stable performance obtained because of excellent long-term stability.

CHARACTERISTICS

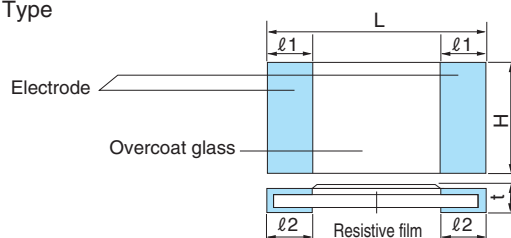
Item	Characteristics	Test method
Long-term stability	$\pm 0.5\%$	At normal temperature and humidity for 1,000hr.
High temperature loading	$\pm 1\%$	DC15V, 1.5hr ON, 0.5hr OFF, 1,000hr at 70°C
Resistance to soldering heat	$\pm 1\%$	260°C $\pm 5^\circ\text{C}$ 10sec $_{-0}^{+1}$ sec
Short-time overload	$\pm 1\%$	Test for 5sec using maximum overload voltage.
Operating temperature range	$-55^\circ\text{C} \sim +125^\circ\text{C}$	



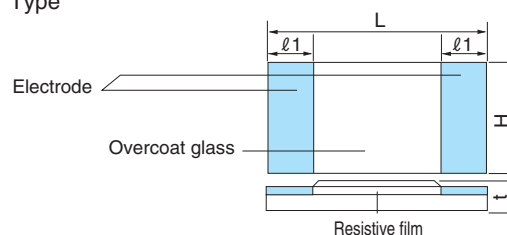
PRODUCTION DATA

Shape

D Type



T Type



Type	Rated power (W)	Max. working voltage DC (V)	Max. overload voltage DC (V)	Range of resistance values		Dimensions (mm)					Electrode shape ※1	Resistance tolerance (%)
				Min. (MΩ)	Max. (GΩ)	L	H	t	l1	l2		
HC3A	1	300	500	1	150	6.4 ± 0.2	3.2 ± 0.2	0.55 ± 0.1	0.5 ± 0.3	0.5 ± 0.3	D	± 5 (J) ※2
HC2A	1/8	150	300	1	150	3.2 ± 0.2	1.6 ± 0.2	0.55 ± 0.1	0.5 ± 0.3	0.5 ± 0.3	D	± 10 (K)
HC2B	1/16	75	150	1	150	2.0 ± 0.2	1.25 ± 0.2	0.5 ± 0.1	0.4 ± 0.2	0.4 ± 0.2	D	± 20 (M)
HC2C	1/32	50	100	1	150	1.6 ± 0.1	0.8 ± 0.1	0.45 ± 0.1	0.2 ± 0.1	0.3 ± 0.1	D	± 30 (N)
HC1C	1/60	50	100	1	150	1.0 ± 0.1	0.5 ± 0.1	0.3 ± 0.05	0.2 ± 0.1	0.25 $_{-0.1}^{+0.15}$	D	± 50

NOTICE: ※1 We can also supply the T type of electrode shape.

※2 Resistance tolerance are 5% ($\leq 10\text{G}\Omega$)

※ Also consult your local dealer for the availability of chip resistors with dimension of your needs and Au terminals.