

High Precision Chip Resistor

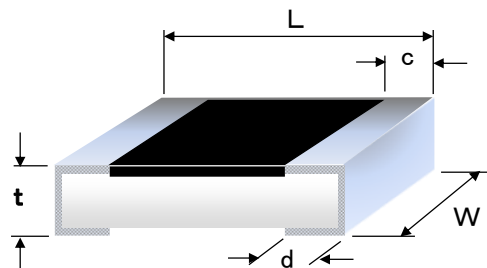
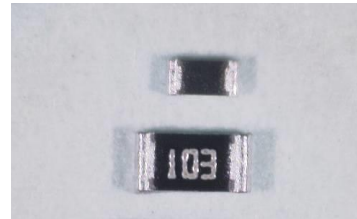
Hokuriku Electric Industry Co.,Ltd



【Model Number】
HMCR**

【Features】

- Achieved high precision by individual structure and measuring method in Thick-film chip resistor
- Ensure Resistance Tolerance $\pm 0.1\%$, TCR $\pm 50\text{ppm}/^\circ\text{C}$. VA or Substituted for thin-film chip resistor.
- Applicable for Reflow , Flow soldering.
- Europe RoHS complianes.



【Dimensions】

(Unit: mm)

Model No.	L	W	t	c	d
HMCR10	1.00 ± 0.05	0.50 ± 0.05	0.35 ± 0.05	0.20 ± 0.10	0.25 ± 0.10
HMCR16	1.60 ± 0.15	0.80 ± 0.15	0.50 ± 0.10	0.25 ± 0.20	0.25 ± 0.20

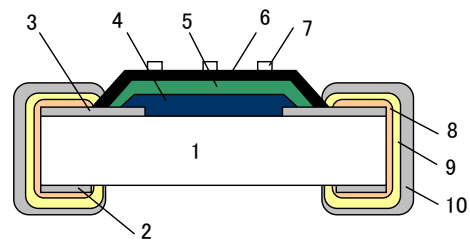
【Specification】

Model No.	Rated power (W) at 70°C	Tolerance	Range(Ω)	TCR(ppm/ $^\circ\text{C}$)	Max. Working voltage	Max. Overload voltage
HMCR10	0.063	B($\pm 0.1\%$)	100~1M	± 50	50V	100V
HMCR16	0.100	B($\pm 0.1\%$)	1K~100K	± 50	50V	100V

※1 Operating temperature range: $-55 \sim +155^\circ\text{C}$

【Structure】

No.	Element Name
1	Ceramic substrate
2	Back electrode
3	Top electrode
4	Resistive element
5	Protective coat I
6	Protective coat II
7	Marking ※2
8	Side electrode
9	Ni plating
10	Sn plating



※2 No marking on HMCR10, HMCR16 (E-96 Series)

* Design* specification are subject to change without prior notice. Please check before purchase and use.