

Model No.

**HMCR\*\***

## ■ Features

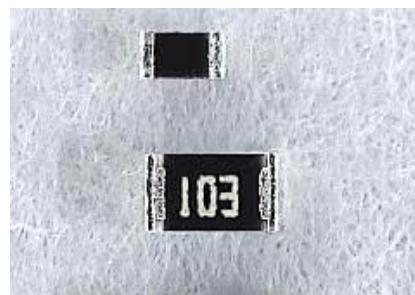
Our proprietary structure and measurement techniques enable high precision in Thick Film.

This is a realized Chip Resistor.

Resistance Value Tolerance  $\pm 0.1\%$

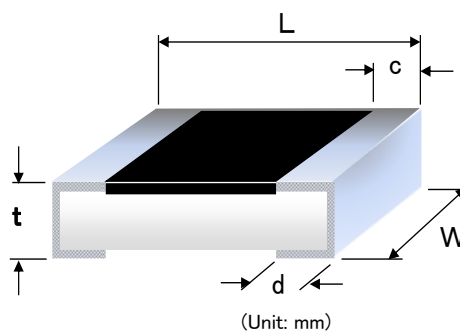
TCR guaranteed at 50 ppm/° C.

VA is possible by replacing Thin Film resistors.



Compatible with reflow and Flowsoldering.

• Compliant with European RoHS Compliance.



## ■ Dimensions

Model	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

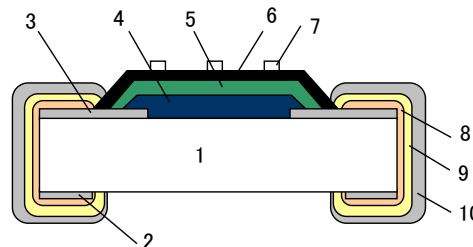
## ■ Specifications

Model	Rated Power (W)	Resistance Value Tolerance	Resistance Value Range (Ω)	TCR (ppm/° C)	Max. Working voltage	Max. Overload voltage
HMCR10	0.063	B(±0.1%)	100~1M	±50	50V	100V
HMCR16	0.100	C(±0.25%)	1K to 100K	±50	50V	100V

\*Operating temperature range: -55 to +155° C

## ■ Structure

No.	Component Name	
	HMCR10	HMCR16
1	Ceramic Substrate	
2	Back Electrode	
3	Surface Electrode	
4	Resistor	
5	Protective coat I	
6	Protective coat II	
7	—	Marking
8	Side Electrode	
9	Ni Plating	
10	Sn Plating	



\*Design and specifications are subject to change without notice. Please confirm before purchase and use.