

# High Voltage Type Chip Resistor

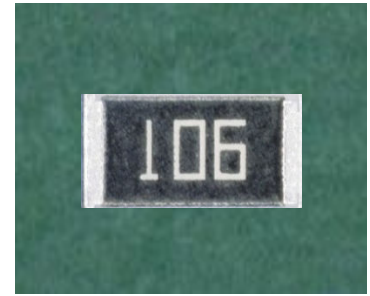
Hokuriku Electric Industry Co.,Ltd



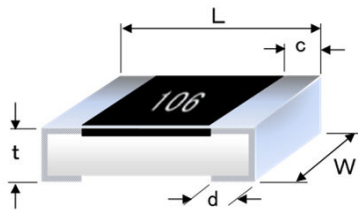
【Model Number】  
HCR\*\*

【Features】

- Compared to normal chip resistor, this product can be used at higher voltage.
- Reflow, Flow solderings are applicable.
- Europe RoHS compliant product.



【Dimensions】



(Unit: mm)

Model No.	L	W	t	c	d
HCR20	2.00±0.10	1.25±0.10	0.50±0.10	0.40±0.20	0.40±0.20
HCR32	3.20±0.10	1.60±0.10	0.50±0.10	0.50±0.20	0.50±0.20

【Designaton】

HCR20 - 105 J V  
①                    ②                    ③                    ④

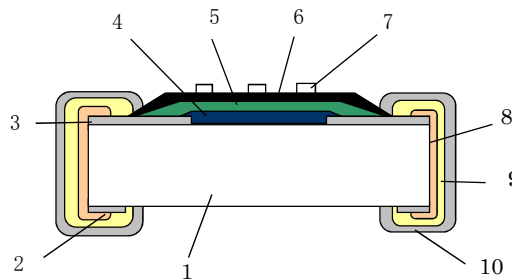
①Model No.		②Resistance Value		③Resistance Tolerance		④Packing Form	
Model No.	Size	Marking	Resistance	Symbol	Tolerance	Symbol	Form
HCR20	2012	105	1MΩ	F	±1.0%	V	Paper tape
HCR32	3216		105 = 10 × 10 <sup>5</sup> = 1,000,000Ω = 1MΩ	G	±2.0%	B	Bulk
				J	±5.0%		

【Specification】

Model No.	Rated power (W)	Tolerance	Range (Ω)	TCR (ppm/°C)	Max. Working voltage	Max. Overload voltage
HCR20	0.125	Class F (±1%)	180k~20M	±200	400V	800V
		Class G (±2%)				
		Class J (±5%)				
HCR32	0.250	Class F (±1%)	160k~20M	±200	500V	1000V
		Class G (±2%)				
		Class J (±5%)				

【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
8	Side electrode
9	Ni plating
10	Sn plating



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