

# Flat Type Low Resistance Chip Resistor

Hokuriku Electric Industry Co.,Ltd

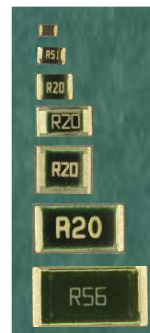


## 【Model Number】

LCR\*\*

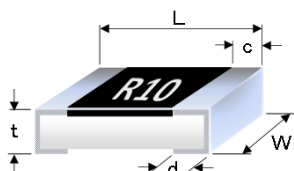
## 【Features】

- Due to metal-glazed thick film material utilized, it has excellent heat resistance, weatherability.
- Reflow , Flow soldering are applicable.
- Europe RoHS compliant product.



## 【Dimensions】

(Unit: mm)



Model No.	L	W	t	c	d
LCR10	1.00±0.05	0.50±0.05	0.35±0.05	0.20±0.10	0.25±0.10
LCR16	1.60±0.15	0.80+0.20/-0.10	0.50+0.15/-0.05	0.25±0.20	0.25±0.20
LCR20	2.00+0.20/-0.10	1.25+0.20/-0.10	0.50+0.15/-0.05	0.40±0.20	0.40±0.20
LCR32	3.20+0.10/-0.15	1.60+0.10/-0.15	0.55+0.15/-0.05	0.50±0.20	0.50±0.20
LCR35	3.20+0.10/-0.15	2.60+0.10/-0.15	0.55+0.15/-0.05	0.50±0.20	0.50±0.20
LCR50	5.00±0.15	2.50±0.15	0.56±0.15	0.60±0.25	0.60±0.25
LCR64	6.30±0.15	3.20±0.15	0.56±0.15	0.60±0.25	0.60±0.25

## 【Designation】

LCR16 - R20 J V

① Model No.		② Resistance Value		③ Resistance Tolerance		④ Packing Form	
Model No.	Size	Marking	Resistance	Symbol	Tolerance	Symbol	Form
LCR10	1005	R20	200mΩ	F	±1.0%	V	Paper tape
LCR16	1608	R20=0.20Ω=200mΩ R is decimal point.		G	±2.0%	E	Emboss tape
LCR20	2012	J		J	±5.0%	B	Bulk
LCR32	3216						
LCR35	3225						
LCR50	5025						
LCR64	6432						

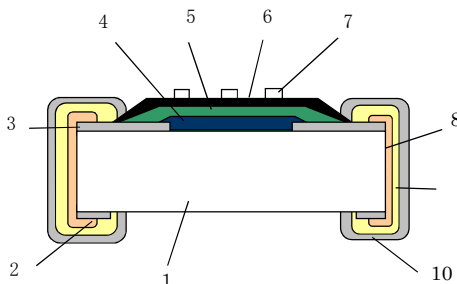
## 【Specification】

Model No.	Rated power (W) at 70°C	Tolerance	Range (Ω)	TCR (ppm/°C)	Max. Working voltage(V)	Max. Overload voltage
LCR10	0.100	G(±2%) J(±5%)	0.20~0.91	±300	V=√(P·R)	100V
LCR16	0.100	G(±2%) J(±5%)	0.20~0.91	±300		
LCR20	0.125	F(±1%)	0.20~0.91	±200		
		G(±2%) J(±5%)	0.10~0.91			
LCR32	0.250	F(±1%)	0.20~0.91	±100		
		G(±2%) J(±5%)	0.10~0.91			
LCR35	0.500	F(±1%)	0.20~0.91	±100		
		G(±2%) J(±5%)	0.10~0.91			
LCR50	0.750	F(±1%)	0.20~0.91	±100		
		G(±2%) J(±5%)	0.10~0.91			
LCR64	1.000	F(±1%)	0.20~0.91	±200		
		G(±2%) J(±5%)	0.10~0.91			

\* Operating temperature range: -55~+155 °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
8	Side electrode
9	Ni plating
10	Sn plating



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