



# Sulfurization-proof Low Resistance Chip Resistors

Model No.	LCRS10	LCRS16	LCRS20	LCRS32	LCRS35	LCRS50
Size Code inch	0402	0603	0805	1206	1210	2010
Size Code mm	1005	1608	2012	3216	3225	5025

## ■Features

- Use of special protective material made excellent sulfurization-proof characteristic.
- Both reflow and flow soldering are applicable.
- Superior endurance to heat and environment, due to metal-glaze thick film materials.

## ■Applications

- Peripheral Circuit of power supply
- Circuit with possibility of causing sulfurization phenomenon

## ■Model Designation

LCRS16 ①Model No.	↓ hyphen	R47 ②Resistance	J ③Tolerance	V ④Packaging
①Model No.		②Resistance	③Tolerance(%)	④Packaging
LCRS10		3 digit (Resistance) (Marking)	Symbol   Tolerance	Symbol   Packaging
LCRS16		0.47Ω → R47	F   ±1	B   Bulk
LCRS20		No marking on LCRS10	G   ±2	V   Paper taping
LCRS32			J   ±5	E   Embossed taping
LCRS35				
LCRS50				

## ■Rating

Model No.	Rated Wattage (W)	Tolerance (%)		Resistance Range E-24 Series Standard (Ω)	T.C.R. (ppm/°C)
LCRS10	0.100	G	±2	0.20 ~ 0.91	±300
		J	±5		
LCRS16	0.100	G	±2	0.20 ~ 0.91	±300
		J	±5		
LCRS20	0.125	F	±1	0.20 ~ 0.91	±200
		G	±2	0.10 ~ 0.91	
		J	±5		
LCRS32	0.250	F	±1	0.20 ~ 0.91	±100
		G	±2	0.10 ~ 0.91	
		J	±5		
LCRS35	0.500	F	±1	0.20 ~ 0.91	±100
		G	±2	0.10 ~ 0.91	
		J	±5		
LCRS50	0.750	F	±1	0.20 ~ 0.91	±100
		G	±2	0.10 ~ 0.91	
		J	±5		

Operating temperature range : -55 °C ~ +125 °C

## ■Dimension, Power rating, Packaging

Refer "Dimension, Packaging,etc."