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 - R47 J V

①Model No. hyphen ②Resistance ③Tolerance ④Packaging

①Model No.
LCRS10
LCRS16
LCRS20
LCRS32
LCRS35
LCRS50

②Resistance
3 digit
(Resistance) (Marking)
0.47Ω → R47

No marking on LCRS10

③Tolerance(%)	
Symbol	Tolerance
F	± 1
G	± 2
J	± 5

④Packaging	
Symbol	Packaging
B	Bulk
V	Paper taping
E	Embossed taping

■Rating

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

Operating temperature range : -55 ℃ ~ +125 ℃

■Dimension, Power rating, Packaging

Refer "Dimension, Packaging,etc."

Specifications are subject to change without notice.