



Sulfurization-proof Chip Resistors

New

Model No.	CRS10	CRS16	CRS20	CRS32	CRS35	CRS50
Size Code inch	1 0 0 5	1 6 0 8	2 0 1 2	3 2 1 6	3 2 2 5	5 0 2 5
Size Code mm	0 4 0 2	0 6 0 3	0 8 0 5	1 2 0 6	1 2 1 0	2 0 1 0

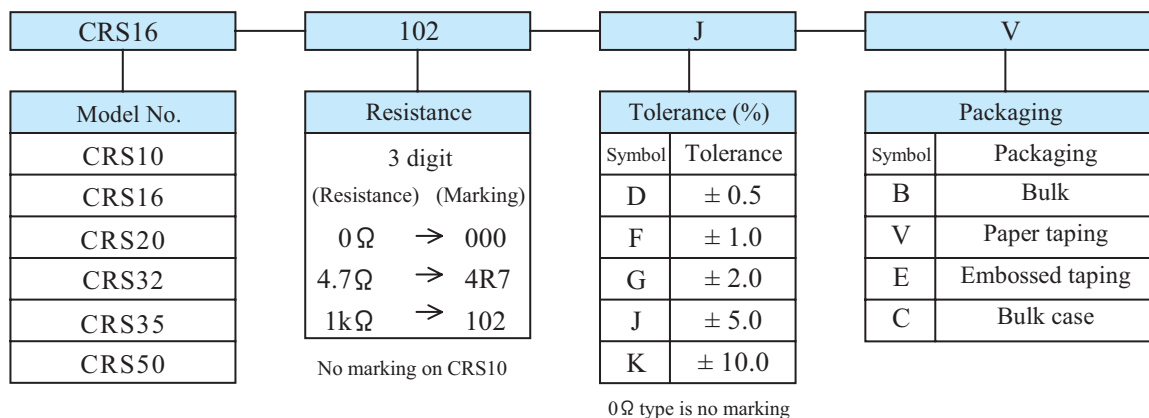
■ Features

- 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



■ Rating

Model No.	Rated Wattage (W)	Tolerance (%)	Resistance Range (Ω)	T.C.R. (ppm/°C)	Max. Working Voltage (V)	Max. Overload Voltage (V)
CRS10	0.063	F: ±1% G: ±2% J: ±5%	10~1M	±250	50	100
CRS16	0.100				50	100
CRS20	0.125				150	200
CRS32	0.250				200	400
CRS35	0.250				200	400
CRS50	0.500				200	400

Chip Jumper Resistors(0 Ω type) are also available.

Operating temperature range : -55°C ~ +155°C

■ Dimension, Power rating, Packaging

Refer "Dimension, Packaging,etc."



Sulfurization-proof Low Resistance Chip Resistors

New

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

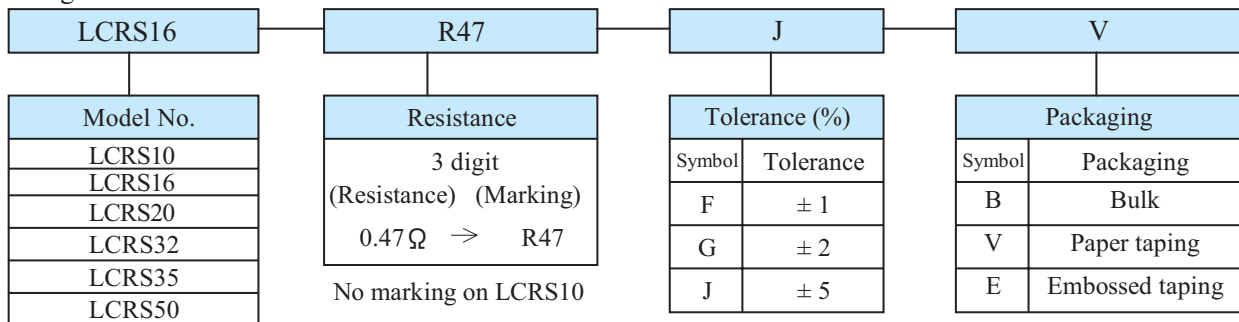
■Features

- 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



■Rating

Model No.	Rated Wattage (W)	Tolerance (%)		Resistance Range E-24 Series Standard (Ω)	T.C.R. (ppm/°C)
		Symbol	Value		
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."