

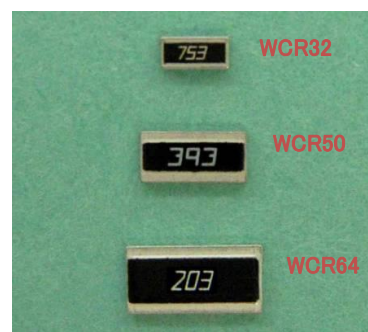


# Space Grade Reliability-Assured Chip-Type Film Resistor

High reliability Chip Fixed Resistor

Model No.

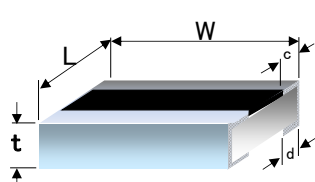
**JAXA-WCR \*\***



## Features

- It is a space-grade reliability chip-type film resistor certified by JAXA. Utilizing a metal glaze thick film material provides superior heat resistance and weather resistance. The WCR Series offers higher solder joint strength than standard Chip Resistors, providing an advantage for low-resistance applications.
- It offers superior surge resistance compared to general-purpose Chip Resistors.

## Dimensions



(Unit: mm)

Model	L	W	t	c	d
JAXA-WCR32	1.60±0.15	3.20±0.15	0.55+0.15/-0.05	0.30±0.20	0.50±0.20
JAXA-WCR50	2.50±0.20	5.00±0.20	0.56±0.15	0.50±0.20	0.60±0.20
JAXA-WCR64	3.20±0.20	6.30±0.20	0.56±0.15	0.50±0.20	0.90±0.20

## Specifications

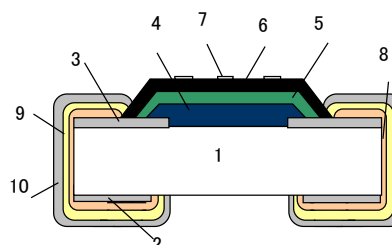
Model	Rated Power (W)	Resistance Value Tolerance	Resistance Value Range (Ω)	TCR (ppm/°C)	Max. Working voltage	Max. Overload voltage
JAXA-WCR32	<b>0.5</b>	<b>F-grade: ±1%</b>	<b>0.1~91</b>	<b>±200</b>	<b>200</b>	<b>400</b>
JAXA-WCR50	<b>1.0</b>	<b>G-grade: ±2%</b>	<b>100 to 9.1k</b>	<b>±100</b>		
JAXA-WCR64	<b>2.0</b>	<b>J-grade: ±5%</b>	<b>10k to 1M</b>	<b>±200</b>		

\*Operating Temperature Range: -55 to +125° C

※The bolded sections are common

## Structure

No.	Component Name
1	Ceramic Substrate
2	Back Electrode
3	Surface Electrode
4	Resistor
5	Protective coat I
6	Protective coat II
7	Marking
8	Side Electrode
9	Ni Plating
10	Sn/Pb plating



\*Design and specifications are subject to change without notice. Please confirm before purchase and use.