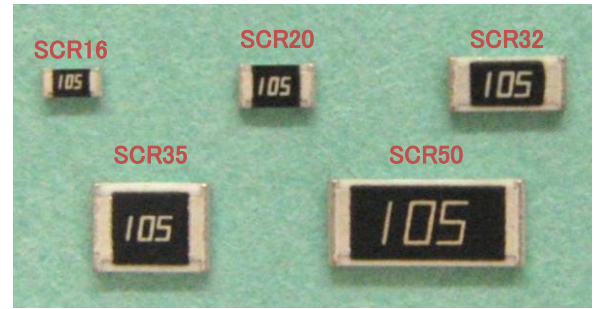


# HDK F-grade Reliability-Assured Chip-Type Film Resistor

High reliability Surge-Resistant Chip Fixed Resistor

Model No.

**JAXA-SCR\*\***

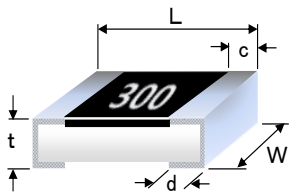


## Features

This is a high reliability chip-type film resistor certified by JAXA for space development. Excellent heat resistance and weather resistance due to the use of Metal glaze thick film materials.

Compared to general-purpose Chip Resistor, it offers superior Surge resistance.

## Dimensions



(Unit: mm)

Model	L	W	t	c	d
JAXA-SCR16	1.60±0.15	0.80+0.20/-0.10	0.50+0.15/-0.05	0.25±0.20	0.25±0.20
JAXA-SCR20	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
JAXA-SCR32	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
JAXA-SCR35	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
JAXA-SCR50	5.00±0.15	2.50±0.15	0.56±0.15	0.60±0.25	0.60±0.25

## Specifications

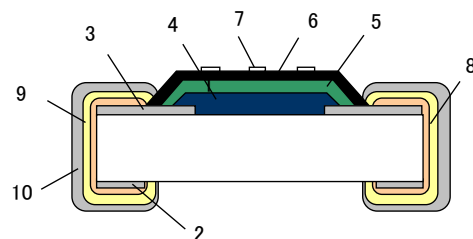
Model	Rated Power (W)	Resistance Value Tolerance	Resistance Value Range (Ω)	TCR (ppm/°C)	Max. Working voltage	Max. Overload voltage
JAXA-SCR16	0.100	F-grade: ±1% G-grade: ±2% J-grade: ±5%	2~4.3	-100~+600	50V	100V
JAXA-SCR20	0.125		4.7~9.1	±200	150V	300V
JAXA-SCR32	0.250		10 to 1M	±100	200V	400V
JAXA-SCR35	0.333		2~9.1	±500		
JAXA-SCR50	0.500		10 to 1M	±200		

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

※Bolted frames apply to JAXA-SCR16, JAXA-SCR20, JAXA-SCR32, and JAXA-SCR35

## 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.