Model No.

WPCR

■Features

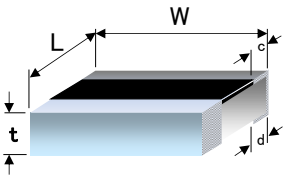
Our proprietary materials and structure provide superior surge withstand voltage and Pulse resistance
It is a high-power Chip Resistor.

・The long-side electrode structureenables high-power capability.
(Allows for 1-2 higher power ratings compared to products of the same size)
・The long-edge electrode structure enables
It offershighreliabilityfor solder joints.

・The long-side electrode structureprovidesheat suppression.

・Compliantwith European RoHS Compliance.

■Dimensions



(Unit: mm)

Model	L	W	t	c	d
WPCR20	1.20±0.15	2.00±0.15	0.55±0.10	0.25±0.20	0.40±0.20
WPCR32	1.60±0.15	3.20±0.15	0.55+0.15/-0.05	0.30±0.20	0.50±0.20

■Specifications

Model	Rated Power (W)	Resistance Value Tolerance	Resistance Value Range (Ω)	TCR (ppm/° C)	Max. Working voltage	Max. Overload voltage
WPCR20	1.00※2	F (±1%)	100～1M	±100	200V	400V
		J (±5%)	1 to 1M	±200		
WPCR32	0.75 (Less than 10Ω, 1W)	F (±1%)	1～91	±200		
			100 to 9.1k	±100		
			10k to 1M	±200		
		J (±5%)	1 to 1M	±200		

※1 Operating Temperature Range: -55 to +155° C
※2 Limited to use at terminal temperatures of 120° C or below

■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 Plating