Model No.

WSPCR

■Features

・The long-side electrode structureenables high-power capability.
(enabling1.0 to2.5 times higher powercompared to products of the same Size).

・Capable of handling high power,
reduces the number of components used andminimizescomponent footprint.

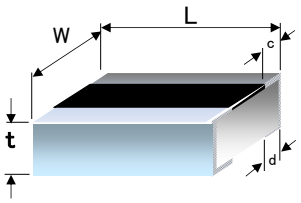
・The long-side electrode structure enables
Highreliabilityforjoints.

・The long-side electrode structureprovidesheat dissipation benefits.

Coversa wide Resistance Value rangefrom100 mΩto1MΩ.

・CompliantwithEuropeanRoHSCompliance.

■Dimensions



(Unit: mm)

Model	L	W	t	c	d
WSPCR32	3.20±0.15	1.60±0.15	0.55±0.10	0.25±0.20	0.50±0.20

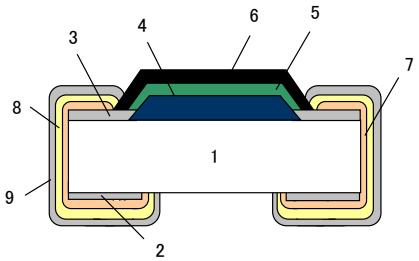
■Specifications

Model	Rated Power (W)	Rated terminal temperature	Resistance Value Tolerance	Resistance Value Range (Ω)	TCR (ppm/°C)	Max. Working voltage	Max. Overload voltage
WSPCR32	1.25	110℃	F (±1%)	10～9.1	±200	200V	400V
			J (±5%)	100 to 9.1k	±100		
	1.50	95℃		10k to 1M	±200		
				1 to 1M	±200		

※The bolded sections are common
*Operating temperature range: −55 to +155° C

【Structure】

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



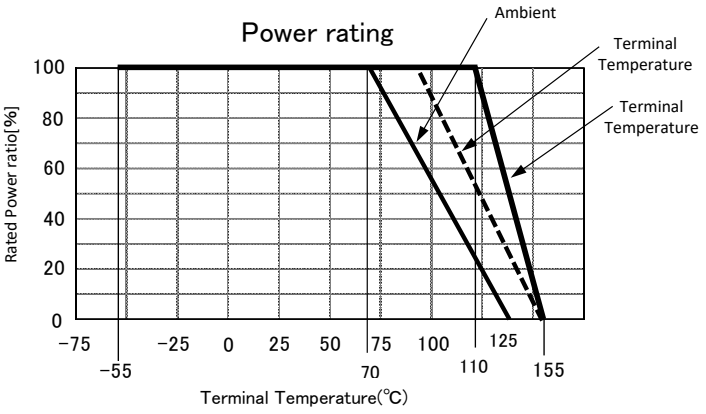
*Design and specifications are subject to change without notice. Please confirm before purchase and use.

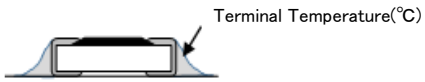
Power rating

When operating at the rated 1.25W, if the Terminal temp
If the temperature exceeds 110° C, refer to the power r
Follow the solid line section to reduce the Rated Power.

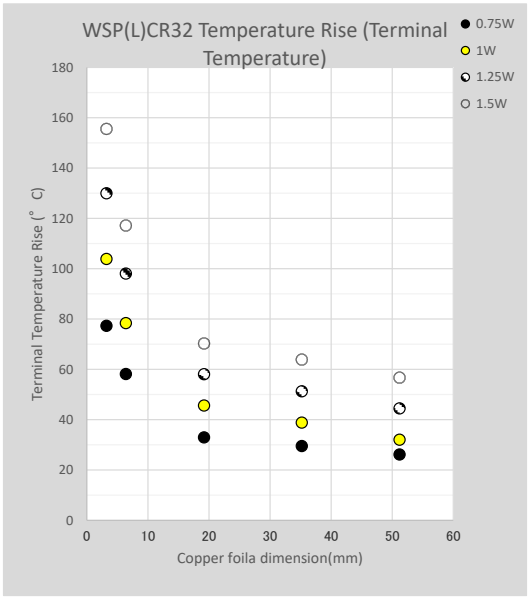
When operating at the rated 1.50W, if the Terminal temp
If the temperature exceeds 95° C, refer to the power ra
to reduce the Rated Power.
and the Terminal temperature must not exceed 155° C.
Please ensure compliance.

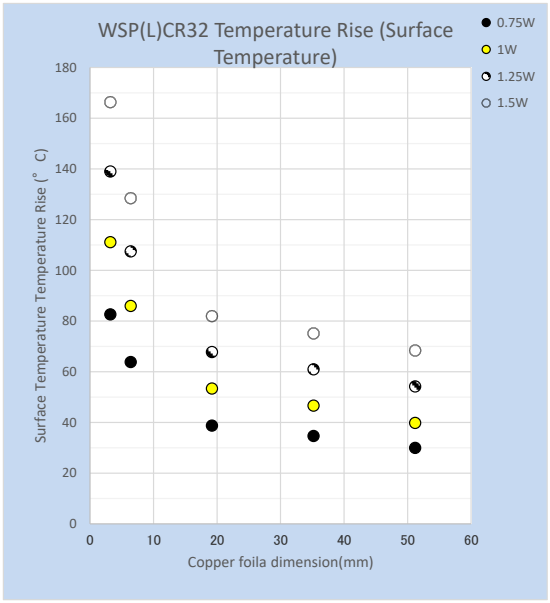
If the ambient surface temperature exceeds 70° C,
Reduce the Rated Power according to the power rating
Please do so. Also, if the surface temperature exceeds 1
Do not exceed this value.

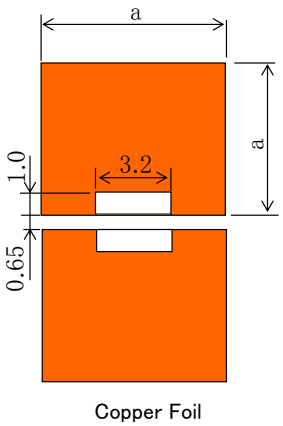




Surface Temperature Rise







Copper Foil

Measurement Conditions
Substrate:110mm × 60mm, t = 1.6mm