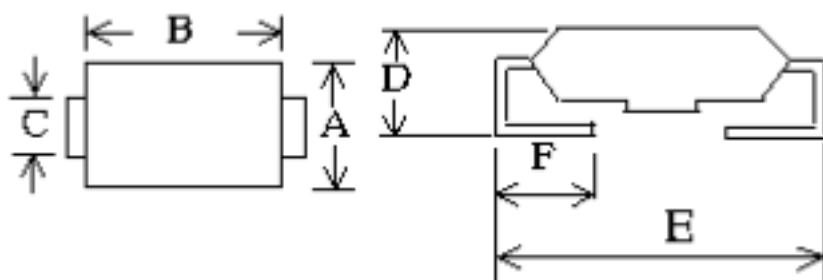




● Feature

- I .Flameproof UL94V0 molded package , resistant to heat , humidity & insulation
- II .Special design for automatic surface mounting
- III.Excellent mechanical strength & electrical stability
- IV.Reducing assembly costs

● Dimensions



Type	Dimension(mm)						Resistance Range(Ω)
	$A \pm 0.3$	$B \pm 0.3$	$C \pm 0.3$	$D \pm 0.3$	E_{max}	$F \pm 0.3$	
2W	4.0	6.70	1.40	3.55	7.90	1.50	0.1-200
3W	5.5	10.5	1.70	5.00	12.0	2.30	0.1-300
5W	7.3	13.5	1.70	6.80	17.0	2.50	0.1-500

● Ordering Information

Example

SMW	5	J	100
(1)	(2)	(3)	(4)
Type	Reatd power	Tolerance	Reisistance

(1)Type:SMWResistor

(2)Reatd power:2=2W.3=3W.5W=5W

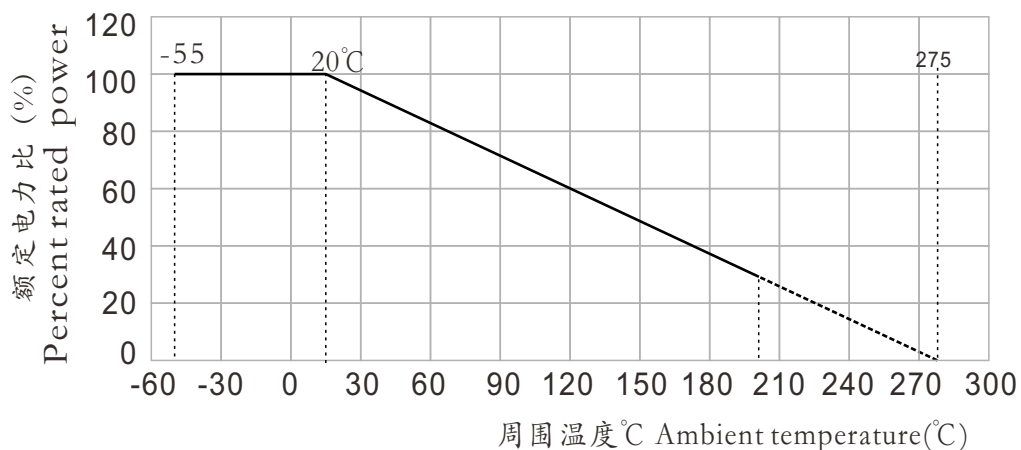
(3)Tolerance:F= $\pm 1\%$,J= $\pm 5\%$

(4)Reisistance:OR100=0.1 Ω ,OR200=0.22 Ω ,10R00=10 Ω 10K00=10K Ω

● Reference Standards

JIS C 5201-1

Derating Curve



ELECTRICAL PERFORMANCE

Test Items	Condition	Spec.	Test Method
Resistance Temp. Coeff.	-55°C ~ +200°C	± 20 ppm / °C	JIS-C-5201
Short Time Overload	5 times of rated wattage for 5 sec.	± 1%	
Rated Load	Rated voltage for 30 minutes	± 1%	
Insulation Resistance	500V megger	10,000 MΩ	
Load Life	70°C on-off cycle 1,000 hours	± 2%	
Moisture-proof Load Life	40°C 95% RH on-off cycle 500 hours	± 2%	