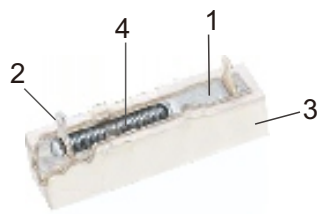




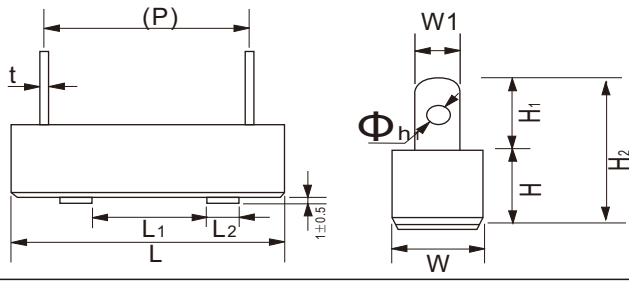
- Features
- I Compact type with safety design of non-flammability and insulation
 - II Stable long life
 - III Products meet Eu-RoHS

● Constructions



a	S1O2 material
b	Iron plate
c	Ceramic shell
d	Wire-wound or metal oxide film

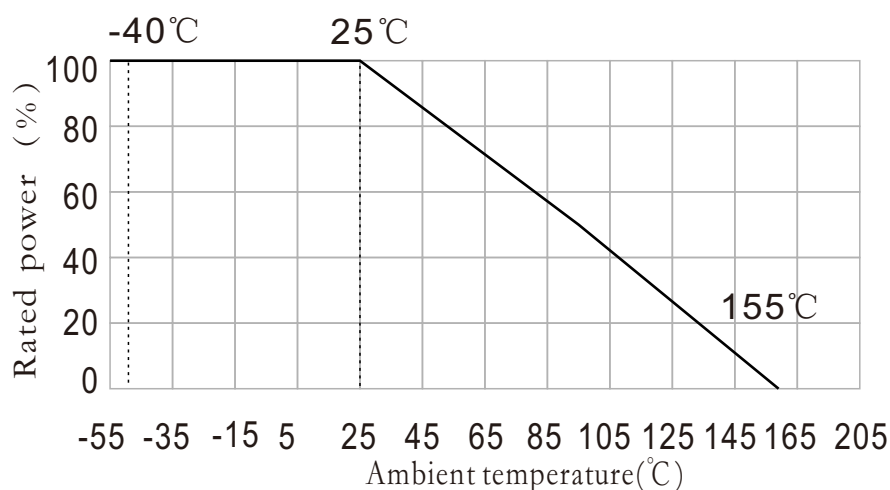
● Dimensions



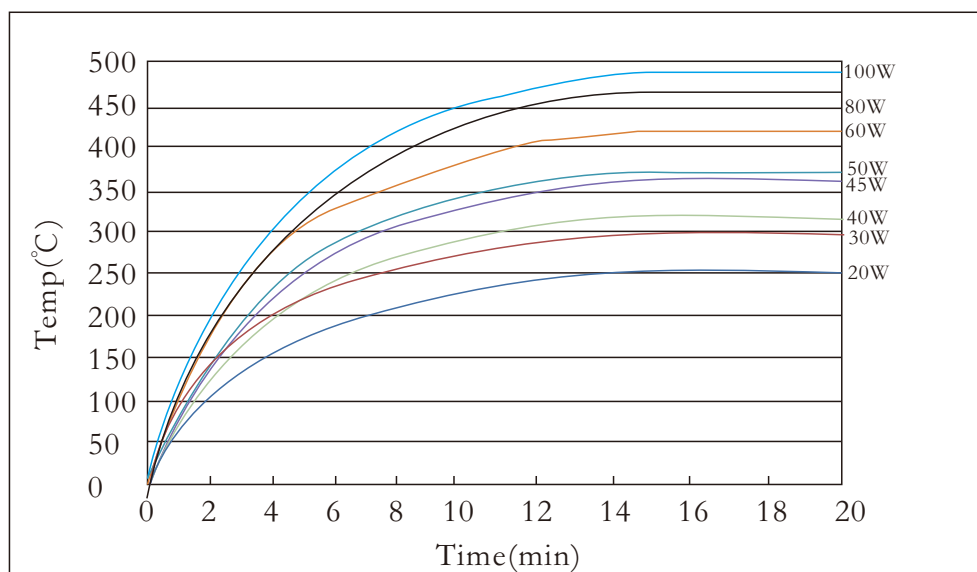
Type	Power	Dimensions(mm)										
		L	L1	L2	W	W1	H	H1	H2	(P)	t	Φh1
PCR6	20W	63.5±2.0	25.0±1.0	7.0±0.5	12.5±1.2	6.3±0.3	12.5±1.2	7.5 ⁺² ₋₀	21.0 ⁺² ₋₁	47.5±2.0	0.8±0.3	1.6±0.3
	25W	63.5±2.0	40.0±1.2	10.0±0.5	19.0±1.5	7.5±0.5	19.0±1.5	10.0 ⁺² ₋₀	30.0 ^{+2.5} _{-1.5}	47.5±2.0	0.8±0.3	1.6±0.3
	30W	75.0±2.5	40.0±1.2	9.50±0.5	19.0±1.5	7.5±0.5	19.0±1.5	9.0 ⁺² ₋₁	28.0 ^{+2.5} _{-1.5}	52±2.0	0.8±0.3	1.6±0.3
	45W	90.0±2.5	40.0±1.2	9.50±0.5	19.0±1.5	7.5±0.5	19.0±1.5	9.0 ⁺² ₋₁	28.0 ^{+2.5} _{-1.5}	67±2.0	0.8±0.3	1.6±0.3
	50W	90.0±2.5	40.0±1.2	9.50±								

● Applications And Ratings

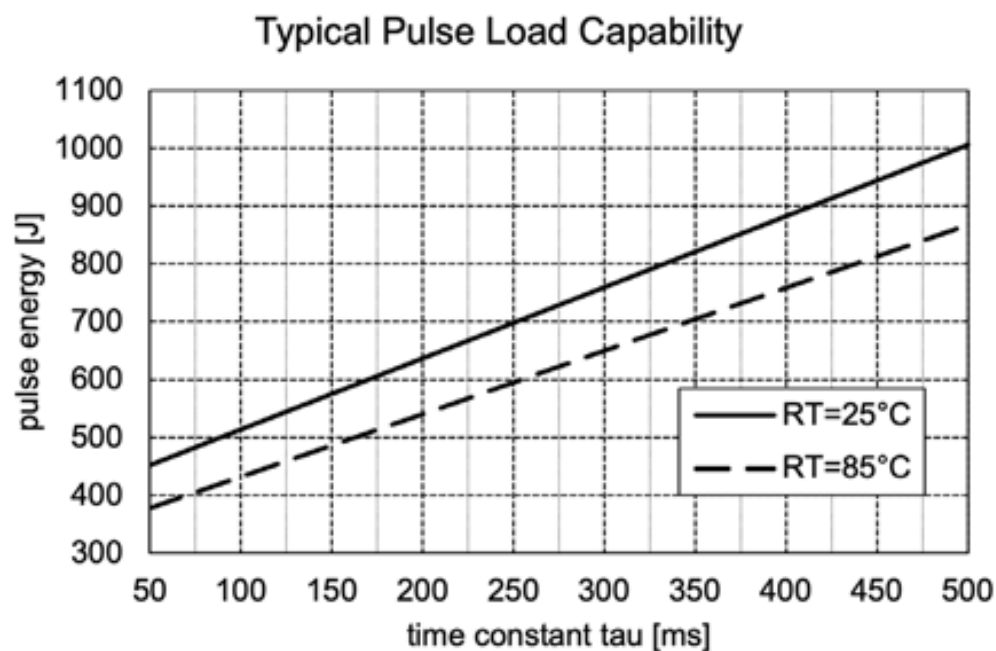
● Derating Curve



● Sureace Temperature Rise



● Typical Pulse Load Capability



● Performance

Test Items	Performance Requirements	Test Methods(JIS C 5201-1)
Resistance	Within specified tolerance	Measuring points are 10mm from the end cap
T.C.R.	Within specified T.C.R	Room temperature+100℃
Short time overload	$\pm (1\%+0.05\Omega)$	10 times the rated power for 5 seconds
Load life	$\pm (5\%+0.1\Omega)$	Rated voltage at 70℃ for 1,000 hours 1.5hr ON/0.5hr OFF Cycles
Load life in humidity	$\pm (5\%+0.1\Omega)$	Rated voltage at 40℃ ,95%RH for 1,000 hours
Temperature cycle	$\pm (1\%+0.05\Omega)$	5 cycles for -25℃ (30min);room temp. (30min) ~+85℃ (30min)room temp. (30min)
Resistance to soldering heat	$\pm (1\%+0.05\Omega)$	260℃ $\pm$ 5℃ for 10 seconds 350℃ $\pm$ 10℃ for 3.5 seconds
Insulation resistance	> 100M Ω	500V insulation test 1 min.
Max.Pulse energy	10W-30W 600J 45W-100W 1000J	$t \leq 0.5s$
Operating Voltage	$\leq 600VDC$	
Pre-charged life cycles	$\geq 100,000$ times	