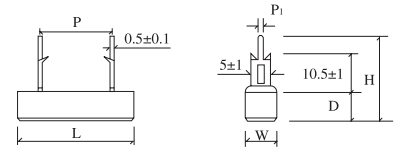
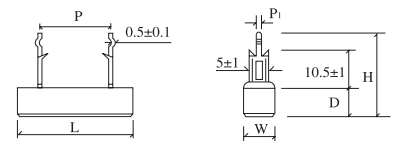


Radial Terminal Type - PRVA Series



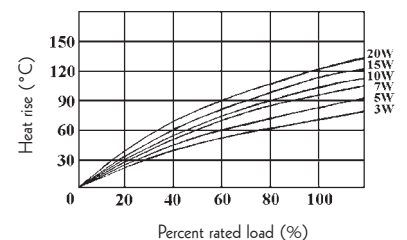
Part No.	Type	Dimension (mm)						Resistance Range	
		W ± 1	D ± 1	L ± 1	P ± 1	P ₁ ± 0.2	H ± 1	Wire-wound	Power Film
PRVA3W	PRVA-3W	10	9	22	9.5	1.3	25	0.1Ω~47Ω	48Ω~33KΩ
PRVA5W	PRVA-5W	10	9	27 / 25	15/9.5	1.3	25	0.1Ω~120Ω	121Ω~56KΩ
PRVA7W	PRVA-7W	10	9	35	22	1.3	25	0.1Ω~560Ω	561Ω~100KΩ
PRVAAW	PRVA-10W	10	9	48	35 / 32	1.3	25	1Ω~820Ω	821Ω~100KΩ
PRVAFW	PRVA-15W	12.5	11.5	48	32	1.5	24	1Ω~1KΩ	1.1KΩ~200KΩ
PRVA20	PRVA-20W	12.5	13.5	63	42	1.5	26	1Ω~1.2KΩ	1.3KΩ~200KΩ

Radial Terminal Type - PRVB Series

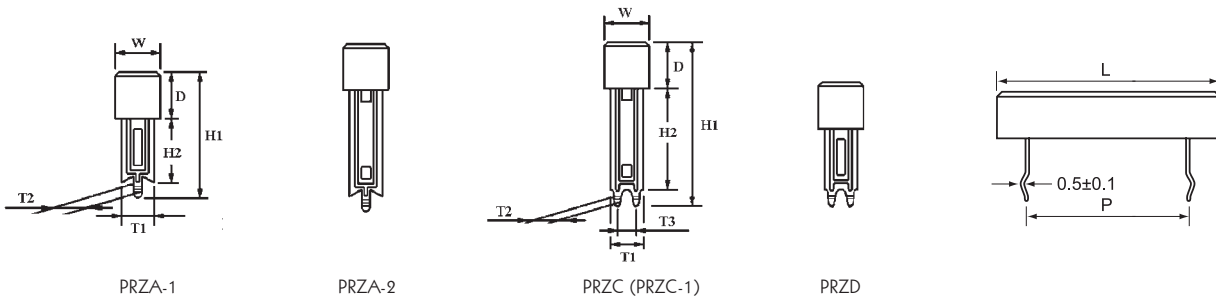
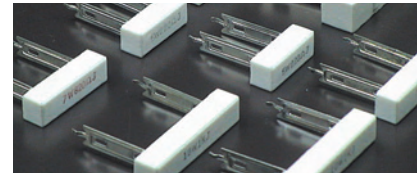


Part No.	Typ	Dimension (mm)						Resistance Rang	
		W ± 1	D ± 1	L ± 1	P ± 1	P ₁ ± 0.2	H ± 1	Wire-wound	Power Film
PRVB3W	PRVB-3W	10	9	22	9.5	1.3	25	0.1Ω~47Ω	48Ω~33KΩ
PRVB5W	PRVB-5W	10	9	27 / 25	15/9.5	1.3	25	0.1Ω~120Ω	121Ω~56KΩ
PRVB7W	PRVB-7W	10	9	35	22	1.3	25	0.1Ω~560Ω	561Ω~100KΩ
PRVBAW	PRVB-10W	10	9	48	35 / 32	1.3	25	1Ω~820Ω	821Ω~100KΩ
PRVBFW	PRVB-15W	12.5	11.5	48	32	1.5	27.5	1Ω~1KΩ	1.1KΩ~200KΩ
PRVB20	PRVB-20W	12.5	13.5	63	42	1.5	29.5	1Ω~1.2KΩ	1.3KΩ~200KΩ

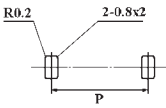
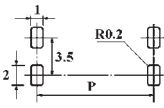
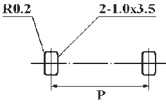
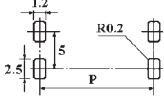
Heat Rise Chart of PRVA & PRVB



Radial Terminal Type - PRZ Series

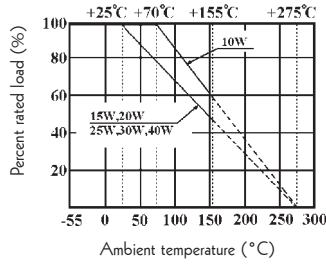


Dimension of Recommended Hole(mm)

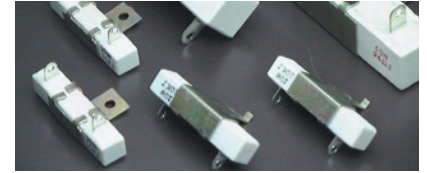
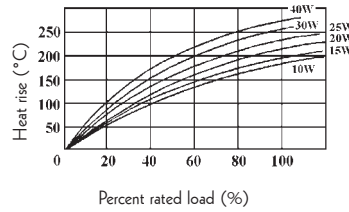
Powr Rating	PRZA-1, PRZA-2	PRZC, PRZD	P
3W			9.5
5W			15
7W			22
10W			35
15W			32
20W			45

Power Rating	Part No.	Type	Dimension (mm)								Resistance Range					
			W±1	D±1	L	P±1.5	T ₁ ±1	T ₂ ±0.2	T ₃ ±0.5	H ₁ ⁺² ₋₁	H ₂ ⁺² ₋₁	Wire-wound	Power Film			
3W	PZ1A3W	PRZA-1	10	9	22 ± 1	9.5	7	1.6	-	24	10	0.1Ω~47Ω	48Ω~33KΩ			
	PZ2A3W	PRZA-2														
	PRZC3W	PRZC												3.5	36	22
	PRZD3W	PRZD												1.3	24	10
5W	PZ1A5W	PRZA-1	10	9	25/27 ± 1	9.5/15	7	1.6	-	24	10	0.1Ω~120Ω	121Ω~56KΩ			
	PZ2A5W	PRZA-2														
	PRZC5W	PRZC												3.5	36	22
	PRZD5W	PRZD												1.3	24	10
7W	PZ1A7W	PRZA-1	10	9	35 ± 1	22	7	1.6	-	24	10	0.1Ω~560Ω	561Ω~100KΩ			
	PZ2A7W	PRZA-2														
	PRZC7W	PRZC												3.5	36	22
	PRZD7W	PRZD												1.3	24	10
10W	PZ1AAW	PRZA-1	10	9	48 ± 1.5	32/35	7	1.6	-	24	10	1Ω~820Ω	821Ω~100KΩ			
	PZ2AAW	PRZA-2														
	PRZCAW	PRZC												3.5	36	22
	PRZDAW	PRZD												1.3	24	10
15W	PZ1AFW	PRZA-1	12.5	11.5	48 ± 1.5	32	10	3	-	35	15	1Ω~1KΩ	1.1KΩ~200KΩ			
	PZ2AFW	PRZA-2														
	PRZCFW	PRZC												2	47	30
20W	PZ1A20	PRZA-1	12.5	13.5	63 ± 1.5	42	10	3	-	35	15	2Ω~1.2KΩ	1.3Ω~200KΩ			
	PZ2A20	PRZA-2														
	PRZC20	PRZC												2	47	30

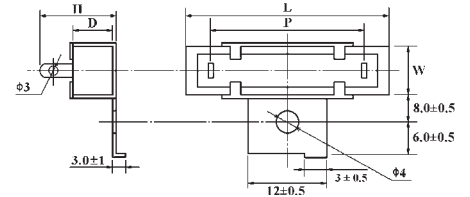
Derating Curve



Heat Rise Chart

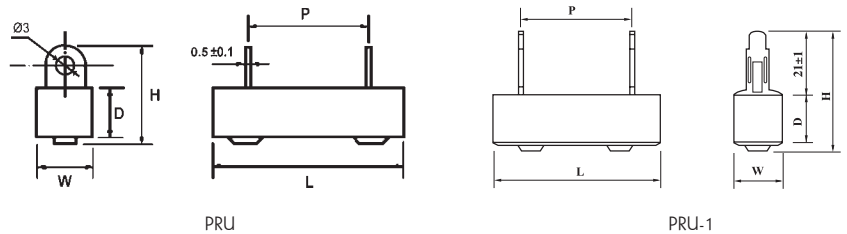


Radial Terminal Type - PRT Series



Part No.	Type	Dimension (mm)					Resistance Range	
		W±I	D±I	L±I	P±I	H±I	Wire-wound	Power Film
PRT0AW	PRT 10W	10	9	48	32	18	1Ω~820Ω	821Ω~100KΩ
PRT0FW	PRT 15W	12.5	11.5	48	32	21	1Ω~1KΩ	1.1KΩ~200KΩ
PRT020	PRT 20W	12.5	13.5	63	42	21	2Ω~1.2KΩ	1.3KΩ~200KΩ
PRT030	PRT 30W	19	19	75	54	30	3Ω~1.5KΩ	-
PRT040	PRT 40W	19	19	90	68	30	6Ω~1.5KΩ	-

Radial Terminal Type - PRU Series



Part No.	Type	Dimension (mm)					Resistance Range	
		W±I	D±I	L±I	P±I	H±I	Wire-wound	Power Film
PRU0AW	PRU 10W	10	9	48	32	18	1Ω~820Ω	821Ω~100KΩ
PRU0FW	PRU 15W	12.5	11.5	48	32	21	1Ω~1KΩ	1.1KΩ~200KΩ
PRU020	PRU 20W	12.5	13.5	63	42	21	2Ω~1.2KΩ	1.3KΩ~200KΩ
PRU030	PRU 30W	19	19	75	54	30	3Ω~1.5KΩ	-
PR1U30	PRU-1 30W	19	19	75	54	41	3Ω~1.5KΩ	-
PRU040	PRU 40W	19	19	90	68	30	6Ω~1.5KΩ	-
PR1U40	PRU-1 40W	19	19	90	68	41	6Ω~1.5KΩ	-

Performance Specification

Temperature coefficient	$< 20\Omega: \pm 400\text{PPM}/^\circ\text{C}; \geq 20\Omega: \pm 350\text{PPM}/^\circ\text{C}$
Short-time overload	$\Delta R/R \leq \pm(5\%+0.05\Omega)$, with no evidence of mechanical damage
Dielectric withstanding voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown
Terminal strength	No evidence of mechanical damage
Resistance to soldering heat	$\Delta R/R \leq \pm(1\%+0.05\Omega)$, with no evidence of mechanical damage
Solderability	Min. 95% coverage
Temperature cycling	$\Delta R/R \leq \pm(2\%+0.05\Omega)$, with no evidence of mechanical damage
Humidity (Steady State)	$\Delta R/R \leq \pm(5\%+0.05\Omega)$, with no evidence of mechanical damage
Load life in humidity	Wire-wound type: $\leq R/R = \pm 5\%$;
	Power Film type $< 100\text{K}\Omega$: $\Delta R/R = \pm 5\%$;
	Power Film type $\geq 100\text{K}\Omega$: $\Delta R/R = \pm 10\%$.
Load life	Wire-wound type: $\Delta R/R = \pm 5\%$;
	Power Film type $< 100\text{K}\Omega$: $\Delta R/R = \pm 5\%$;
	Power Film type $\geq 100\text{K}\Omega$: $\Delta R/R = \pm 10\%$.

Ordering Procedure (Example: PRW 5W 5% 100Ω, B/B)

