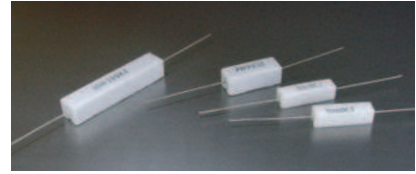
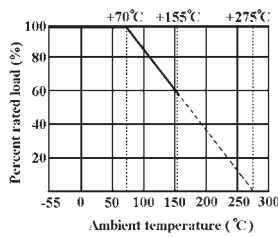


## Feature

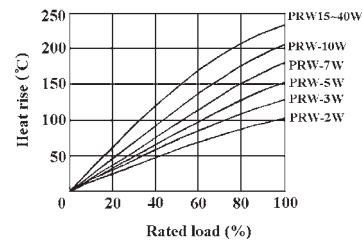
- Self-extinguishing
- Extremely small and sturdy mechanically safe
- Non-inductive type available
- Excellent flame & moisture resistance
- Too low or high values on standard Wire-wound & Power-Film type can be supplied on a case to case basis



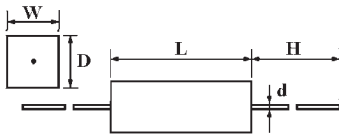
## Derating Curve



## Heat Rise Chart

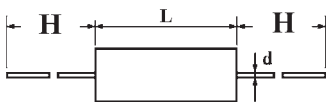


## PRW Type



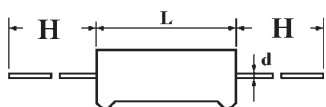
Part No.	Type	Dimension (mm)					Resistance Range		
		W ± 1	D ± 1	L ± 1	H	d <sup>+0.02</sup> / <sub>-0.05</sub>	Wire Wound	Power Film	
PRW02W	PRW-2W	7	7	18	28 ± 5	0.7	0.1Ω~27Ω	28Ω~33KΩ	
PRW03W	PRW-3W	8	8	22	32 ± 5	0.7	0.1Ω~39Ω	40Ω~56KΩ	
PRW05W	PRW-5W	10	9	22	35 ± 5	0.8	0.1Ω~47Ω	48Ω~100KΩ	
PRW07W	PRW-7W	10	9	35	35 ± 5	0.8	0.1Ω~680Ω	681Ω~200KΩ	
PRW0AW	PRW-10W	10	9	49	35 ± 5	0.8	0.1Ω~910Ω	911Ω~200KΩ	
PRW0FW	PRW-15W	12.5	11.5	49	35 ± 5	0.8	1Ω ~ 1KΩ	1.1KΩ~200KΩ	
PRW020	PRW-20W	14.5	13.5	60	35 ± 5	0.8	2Ω ~ 1.2KΩ	1.3KΩ~200KΩ	
PRW025	PRW-25W	14.5	13.5	64	35 ± 5	0.8	2Ω ~ 1.2KΩ		

## PRWC Type



Part No.	Type	Dimension (mm)					Resistance Range		
		W ± 1	D ± 1	L ± 1	H	d <sup>+0.02</sup> / <sub>-0.05</sub>	Wire Wound	Power Film	
PRWC3W	PRWC-3W	6	6	20	28 ± 5	0.7	1Ω~27Ω	28Ω~33KΩ	
PRWC5W	PRWC-5W	6	6	25	35 ± 5	0.8	1Ω~100Ω	101Ω~100KΩ	
PRWC7W	PRWC-7W	9	9	25	35 ± 5	0.8	1Ω~100Ω	101Ω~100KΩ	

## PRWA Type



Part No.	Type	Dimension (mm)					Resistance Range		
		W ± 1	D ± 1	L ± 1	H	d <sup>+0.02</sup> / <sub>-0.05</sub>	Wire Wound	Power Film	
PRWA2W	PRWA-2W	7	7	18	28 ± 5	0.7	0.1Ω~27Ω	28Ω~33KΩ	
PRWA5W	PRWA-5W	10	9	22	35 ± 5	0.8	0.1Ω~47Ω	48Ω~100KΩ	
PRWA7W	PRWA-7W	10	9	35	35 ± 5	0.8	0.1Ω~680Ω	681Ω~200KΩ	
PRWAAW	PRWA-10W	10	9	49	35 ± 5	0.8	0.1Ω~910Ω	911Ω~200KΩ	

Performance Specifications

<b>Temperature coefficient</b>	< 20Ω: ± 400PPM/°C; ≥ 20Ω: ± 350PPM/°C
<b>Short-time overload</b>	$\Delta R/R \leq \pm(5\%+0.05\Omega)$ , with no evidence of mechanical damage.
<b>Dielectric withstanding voltage</b>	No evidence of flashover, mechanical damage, arcing or insulation breakdown.
<b>Terminal strength</b>	No evidence of mechanical damage.
<b>Resistance to soldering heat</b>	$\Delta R/R \leq \pm(1\%+0.05\Omega)$ , with no evidence of mechanical damage.
<b>Solderability</b>	Min. 95% coverage.
<b>Temperature cycling</b>	$\Delta R/R \leq \pm(2\%+0.05\Omega)$ , with no evidence of mechanical damage.
<b>Humidity ( Steady state)</b>	$\Delta R/R \leq \pm(5\%+0.05\Omega)$ , with no evidence of mechanical damage.
<b>Load life in humidity</b>	For Wire wound range, the $\leq R/R$ is ±5%; For Power film range <100KΩ, the $\Delta R/R$ is ±5%; For Power film range ≥100KΩ, the $\Delta R/R$ is ±10%.
<b>Load life</b>	For Wire wound range, the $\Delta R/R$ is ±5%; For Power film range <100KΩ, the $\Delta R/R$ is ±5%; For Power film range ≥100KΩ, the $\Delta R/R$ is ±10%.

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

