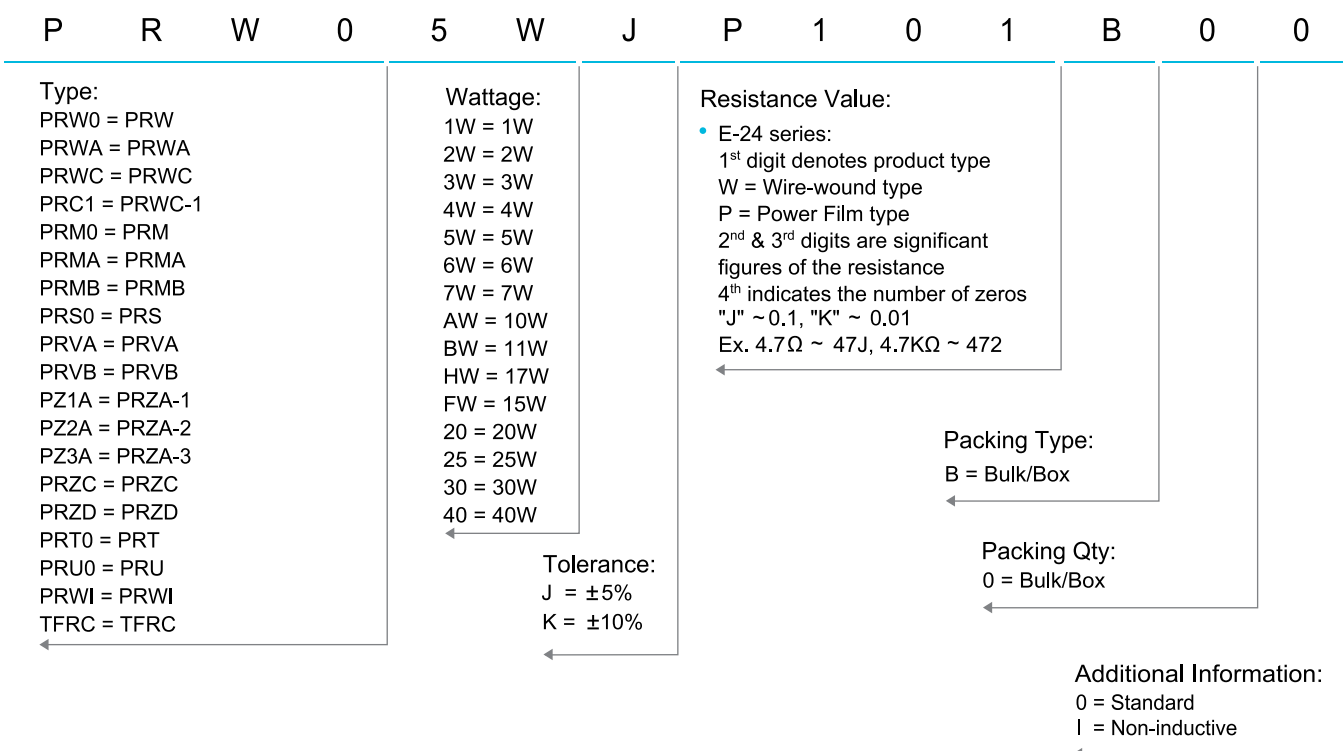


Cement Fixed Resistors

Performance Specification

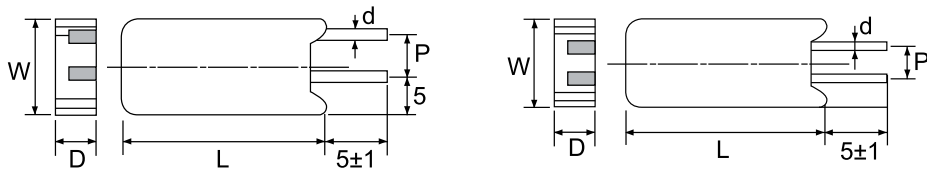
Temperature Coefficient	<20Ω: ±400PPM/°C; ≥20Ω: ±350PPM/°C
Short Time Overload	±(5.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Dielectric Withstanding Voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown.
Terminal Strength	No evidence of mechanical damage.
Resistance to Soldering Heat	±(1.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Solderability	Min. 95% coverage.
Temperature Cycling	±(2.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Humidity (Steady state)	±(5.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Load Life in Humidity	Wire-wound ±(5.0% + 0.05Ω)Max Power Film <100KΩ: ±(5.0% + 0.05Ω)Max ≥100KΩ: ±(10.0% + 0.05Ω)Max
Load Life	Wire-wound ±(5.0% + 0.05Ω)Max Power Film <100KΩ: ±(5.0% + 0.05Ω)Max ≥100KΩ: ±(10.0% + 0.05Ω)Max

Ordering Procedure: Ex.: PRW 5W, +/-5%, 100Ω, B/B



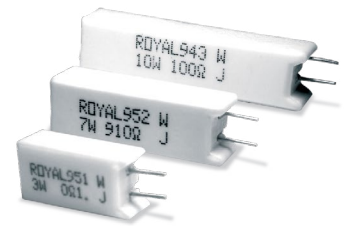
Cement Fixed Resistors

PRM Type



***PRM 7W, 10W : Lead not centered

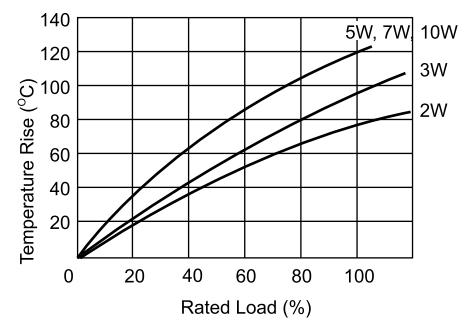
*** PRM 2W, 3W, 5W,
PRMA 5W, 10W,
PRMB 7W } Lead centered



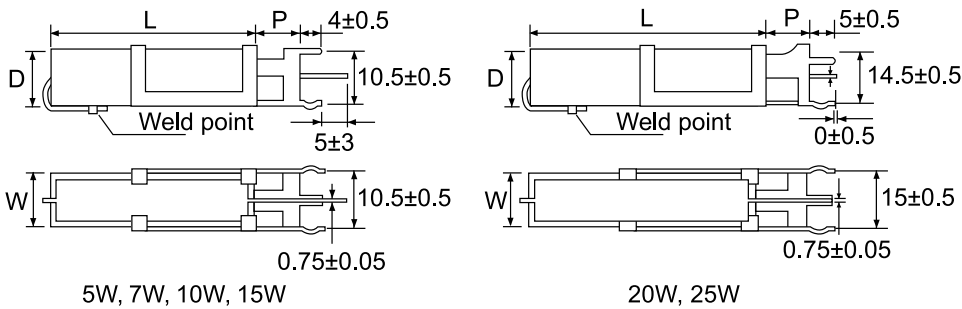
Part No.	Style	Power Rating at 70°C	Dimension (mm)					Resistance Range	
			W±1	D±1	L±1	d±0.05	P±1	Wire-wound	Power Film
PRM02W	PRM 2W	2W	11.5	7.5	20	0.75	5	0.1Ω ~ 27Ω	28Ω ~ 33KΩ
PRM03W	PRM 3W	3W	12.5	8.5	25	0.75	5	0.1Ω ~ 39Ω	40Ω ~ 56KΩ
PRM05W	PRM 5W	5W	13	9	25	0.75	5	0.1Ω ~ 47Ω	48Ω ~ 100KΩ
PRM07W	PRM 7W	7W	13	9	39	0.75	5	0.1Ω ~ 680Ω	681Ω ~ 200KΩ
PRM0AW	PRM 10W	10W	13	9	50	0.75	5	0.1Ω ~ 910Ω	911Ω ~ 200KΩ
PRMA5W	PRMA 5W	5W	13	9	25	0.75	7.5	0.1Ω ~ 47Ω	48Ω ~ 100KΩ
PRMAAW	PRMA 10W	10W	16	12	35	0.75	7.5	0.1Ω ~ 560Ω	561Ω ~ 100KΩ
PRMB7W	PRMB 7W	7W	13	9	39	0.75	5	0.1Ω ~ 680Ω	681Ω ~ 200KΩ

Remark: Max Worldrg Voltage: 500V
Max Overload Voltage: 1,000V

Heat Rise Chart (PRM)

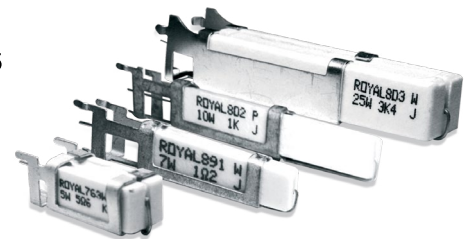


PRS Type



5W, 7W, 10W, 15W

20W, 25W



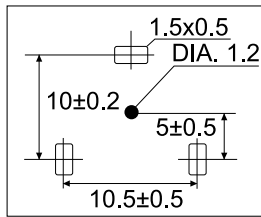
Part No.	Style	Power Rating at 70°C	Dimension (mm)					Resistance Range	
			W±1	D±1	L±1	d±0.05	P±1	Wire-wound	Power Film
PRS05W	PRS 5W	5W	10	9	22	0.75	5	0.1Ω ~ 47Ω	48Ω ~ 100KΩ
PRS07W	PRS 7W	7W	10	9	35	0.75	10	0.1Ω ~ 680Ω	681Ω ~ 200KΩ
PRS0AW	PRS 10W	10W	10	9	49	0.75	10	0.1Ω ~ 910Ω	911Ω ~ 200KΩ
PRS0FW	PRS 15W	15W	12.5	11.5	49	0.75	11	1Ω ~ 1KΩ	
PRS020	PRS 20W	20W	14.5	13.5	60	0.75	10	1Ω ~ 3.4KΩ	
PRS025	PRS 25W	25W	14.5	13.5	64	0.75	10	1Ω ~ 3.4KΩ	

Remark: Max Worldrg Voltage: 500V
Max Overload Voltage: 1,000V

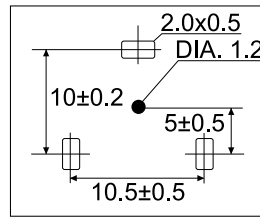
Cement Fixed Resistors

PRS Recommended Hole

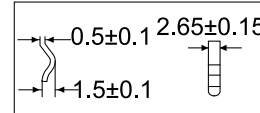
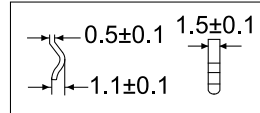
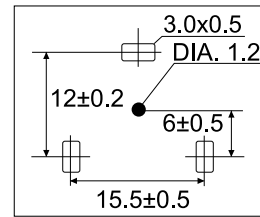
PRS 5W



PRS 7W, 10W, 15W



PRS 20W, 25W



Heat Rise Chart (PRS)

