

Cement Fixed Resistors

Performance Specification

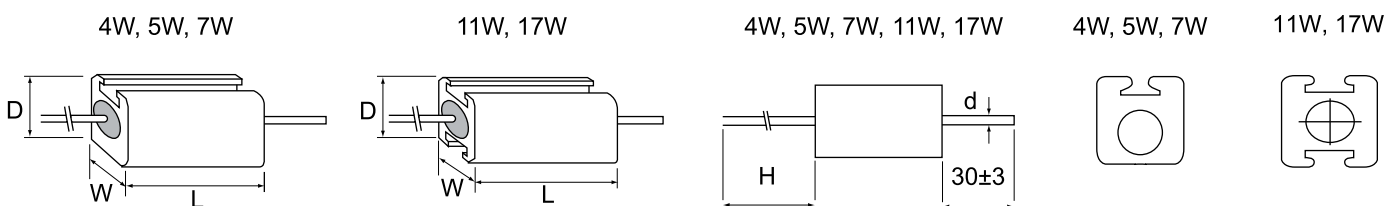
Temperature Coefficient	<20Ω: ±400PPM/°C; ≥20Ω: ±350PPM/°C
Short Time Overload	±(5.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Dielectric Withstanding Voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown.
Terminal Strength	No evidence of mechanical damage.
Resistance 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	±(5.0% + 0.05Ω)Max, with no evidence of mechanical damage.
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Features

- Vertical or Axial type
- Rated power: 4W - 17W
- Tolerance: 5%, 10%
- Wire-wound technology
- Withstand high overload current
- Non - flammable
- Extremely small, sturdy and mechanically safe
- Special solvent resistance



PRWI Type



Part No.	Style	Power Rating at 70°C	Dimension (mm)					Low Resistance Range	Standard Resistance Range	High Resistance Range
			W±1	D±1	L±1	H±1	d±0.05			
PRWI4W	PRWI4W	4W	7	8	20	56	0.75	0.1Ω ~ 0.9Ω	1Ω ~ 1KΩ	1.1Ω ~ 6.8KΩ
PRWI5W	PRWI5W	5W	7.5	8.5	25	60	0.75	0.1Ω ~ 0.9Ω	1Ω ~ 1KΩ	1.1Ω ~ 6.8KΩ
PRWI7W	PRWI7W	7W	7	8	38	70	0.75	0.33Ω ~ 0.9Ω	1Ω ~ 10KΩ	10.1Ω ~ 22KΩ
PRWIBW	PRWI11W	11W	9	10	50	85	0.75	0.56Ω ~ 0.9Ω	1Ω ~ 10KΩ	10.1Ω ~ 23KΩ
PRWIHW	PRWI17W	17W	9	10±1.5	75	110	0.75	0.1Ω ~ 0.9Ω	1Ω ~ 10KΩ	10.1Ω ~ 39KΩ

Remarks: Max Worldrg Voltage: 500V
 Max Overload Voltage: 1,000V
 Dielectric withstanding voltage: 2,000V

Derating Curve

