Cement Fixed Resistors

Performance Specification

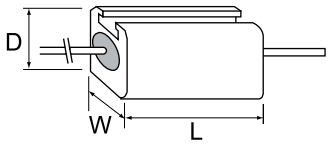
Temperature Coefficient	<20Ω: ±400PPM/°C; ≥20Ω: ±350PPM/°C
Short Time Overload	±(5.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Dielectric Withstanding Voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown.
Terminal Strength	No evidence of mechanical damage.
Resistance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

Features

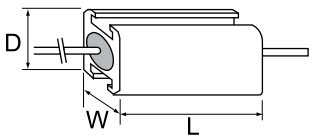
- Vertical or Axial type
- Rated power: 4W - 17W
- Tolerance: 5%, 10%
- Wire-wound technology
- Withstand high overload current
- Non - flammable
- Extremely small, sturdy and mechanically safe
- Special solvent resistance

PRWI Type

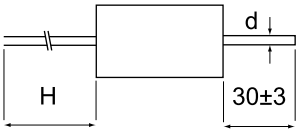
4W, 5W, 7W



11W, 17W

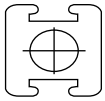


4W, 5W, 7W, 11W, 17W



4W, 5W, 7W

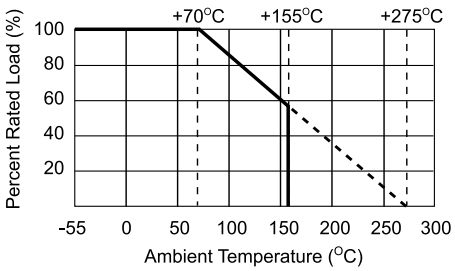
11W, 17W



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

Derating Curve



Update : 18.08.2016

RoHS Compliant