

## Precision Electronic Components Mfg. Co.

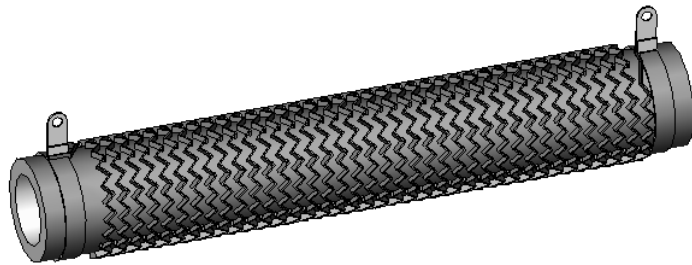
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Committed to Quality

## PVRC - Vitreous Enamel Coated Tubular Resistors

The PVRC series of resistors are designed for handling high currents at low resistance values in a small envelope size. The resistors are made by laying a corrugated ribbon of resistance tape on a ceramic former. The wire is securely held on the ceramic with high temperature withstanding Vitreous Enamel. This rugged coating provides the wire with very good protection.



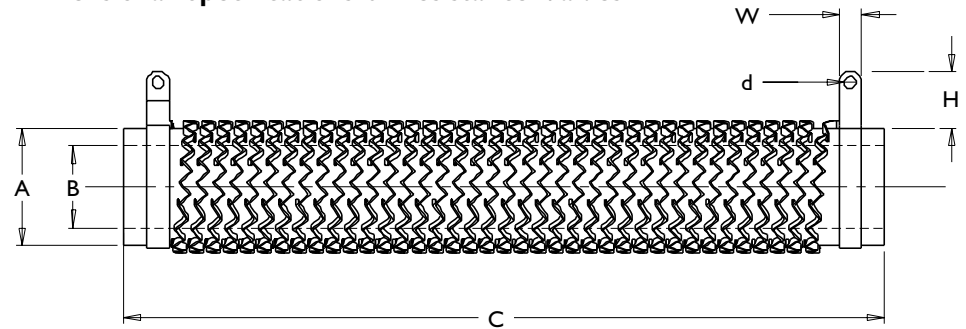
### Key Features

- Rugged, High Quality Enamel Coating.
- Corrugated Ribbon Winding.
- All Welded Construction for Maximum Reliability.
- Designed to Withstand High Overloads Generated During Motor Starting, Dynamic Braking and in Welding Equipment.

### Electrical Specifications

Power Rating	Based on 25°C in free air
Ohmic Values	As in Table
Available Tolerances	Standard 10%, Other -5%
Derating	25°C to 400°C
Overload	10 x Rated Wattage for 5 Seconds
Temp Co-efficient	400ppm/°C Max
Di-electric Withstand Voltage	1000VAC measured from terminal of resistor to mounting bracket of resistor.

### Dimensional Specifications & Resistance Values



Type	Power Rating @ 25C	Resistance Value		Dimensions in Inches (millimeter)					
				Core OD	Core ID	Core Length	Terminal Dimensions		
							A	B	C
PVRC90	90W	0.5	10	0.5625 (14.29)	0.5 (12.7)	4 (101.6)	0.25 (6.35)	0.56 (14.29)	0.173 (4.4)
PVRC180	180W	0.5	20	0.75 (19.05)	0.5 (12.7)	6.5 (165.1)	0.375 (9.525)	0.56 (14.29)	0.173 (4.4)
PVRC300	300W	1	30	1.25 (31.75)	0.75 (19.05)	8.5 (215.9)	0.375 (9.525)	0.62 (15.87)	0.3125 (7.9)
PVRC375	375W	1	50	1.25 (31.75)	0.75 (19.05)	10.5 (266.7)	0.375 (9.525)	0.62 (15.87)	0.3125 (7.9)

### Ordering Code

Type	Wattage	Ohms	Tolerance	Special Req.
PVRC	375W	0R5-50R	K-10% J-5%	Different Terminals Special Windings Mounting Hardware

Minimum Order Quantity(MOQ) : 100 Nos per Resistance Value per Order

This publication is issued to provide outline information only and (unless specifically agreed to the contrary by the Company in writing) is not to form part of any order or be regarded as a representation relating to the products or service concerned. We reserve the right to alter without notice the specification, design, price or conditions of supply of any product or service. Whilst products are of the very highest quality and reliability, all electronic components can occasionally be subject to failure. Where failure of a product could result in life threatening consequences, the circuit and application must be discussed with the Company. Such areas might include ECG, respiratory, other medical and nuclear applications and any non fail safe applications circuit.