2W TO 25 WATT VERTICAL MOUNT RESISTORS

PV SERIES - 2 Terminal
PVH SERIES - 4 Terminal
PWV SERIES - Bracket Mount

- Industry's widest range! 1mΩ-1M, to ±0.5% 10ppm!
- Built-in standoffs minimize heat transfer to P.C.B.
- Available on exclusive SWIFT™ delivery program!

OPTIONS
- Option X - Non-Inductive
- Option WW or M (wirewound or film element)
- Option P - Increased pulse capability
- Option FF- Fuse within 10S@50x rated W (custom avail)
- Option E - Low thermal EMF design
- Option B - Increased power (refer to chart below)
- Numerous modifications avail: custom marking,
  TC's to +6000ppm, various lead wire sizes, burn-in, etc.

Significant space savings compared to axial-lead types!
PV, PVH, and PWV resistors are designed for power applications where space is at a premium. The PV series offers lowest cost for medium power applications. PVH series are similar except in 4-terminal Kelvin design (to cancel lead wire effect). PWV bracketed resistors enable higher power levels and superior performance in applications involving shock and vibration. The ceramic construction is fireproof and resistant to moisture & solvents. The internal element is wirewound on lower values, power film on higher values (depending on options, e.g. opt. P parts are always WW). If a specific construction is preferred, specify opt.'WW' for wirewound, opt.'M' for power film (not available in all values).

TYPICAL PERFORMANCE CHARACTERISTICS

<table>
<thead>
<tr>
<th>PV Series</th>
<th>Wattage</th>
<th>Max. Voltage*</th>
<th>Max. Current*</th>
<th>Std Resis Range</th>
<th>A ±0.1%</th>
<th>B ±0.2%</th>
<th>C ±0.1%</th>
<th>D ±0.05%</th>
<th>E ±0.02%</th>
<th>F ±0.003%</th>
</tr>
</thead>
<tbody>
<tr>
<td>PV2</td>
<td>2W (3W)</td>
<td>80V</td>
<td>0.01Ω to 10K</td>
<td>450 (11.4)</td>
<td>0.30 (7.6)</td>
<td>0.80 (20.3)</td>
<td>197 (5)</td>
<td>0.028 (7)</td>
<td>0.036 (9)</td>
<td></td>
</tr>
<tr>
<td>PV3</td>
<td>3W (4W)</td>
<td>150V</td>
<td>0.01Ω to 15K</td>
<td>475 (12.1)</td>
<td>0.35 (8.9)</td>
<td>0.98 (24.9)</td>
<td>197 (5)</td>
<td>0.031 (8)</td>
<td>0.040 (1)</td>
<td></td>
</tr>
<tr>
<td>PV5</td>
<td>5W (6W)</td>
<td>250V</td>
<td>0.01Ω to 15K</td>
<td>500 (12.7)</td>
<td>0.40 (9.2)</td>
<td>1.00 (25.4)</td>
<td>197 (5)</td>
<td>0.031 (8)</td>
<td>0.040 (1)</td>
<td></td>
</tr>
<tr>
<td>PV7</td>
<td>7W (10W)</td>
<td>350V</td>
<td>0.01Ω to 15K</td>
<td>500 (12.7)</td>
<td>0.40 (9.2)</td>
<td>1.00 (25.4)</td>
<td>197 (5)</td>
<td>0.031 (8)</td>
<td>0.040 (1)</td>
<td></td>
</tr>
<tr>
<td>PV10</td>
<td>10W (12W)</td>
<td>500V</td>
<td>0.01Ω to 15K</td>
<td>500 (12.7)</td>
<td>0.40 (9.2)</td>
<td>1.00 (25.4)</td>
<td>197 (5)</td>
<td>0.031 (8)</td>
<td>0.040 (1)</td>
<td></td>
</tr>
<tr>
<td>PV10S</td>
<td>10W (12W)</td>
<td>400V</td>
<td>0.01Ω to 15K</td>
<td>625 (15.9)</td>
<td>0.50 (12.7)</td>
<td>1.38 (35.0)</td>
<td>290 (7.4)</td>
<td>0.036 (9)</td>
<td>0.048 (1.2)</td>
<td></td>
</tr>
<tr>
<td>PV10A</td>
<td>10W (12W)</td>
<td>400V</td>
<td>0.01Ω to 15K</td>
<td>625 (15.9)</td>
<td>0.50 (12.7)</td>
<td>1.38 (35.0)</td>
<td>197 (5)</td>
<td>0.036 (9)</td>
<td>0.048 (1.2)</td>
<td></td>
</tr>
</tbody>
</table>

* Units not to exceed wattage, voltage, or current rating, whichever is less. Voltage determined by : E = √3 PR. E not to exceed max voltage rating. Multiply voltage rating by 0.7 for Opt. X. Increased voltage & current ratings available (up to 1KV, 100A).

PV10 → 100 → J B W

P/N DESIGNATION:

RCD Type
Options: X, WW, P, M, FF, E, B
(Leave blank if standard)

Resistor Code: 0.5% - 3 signif. figures & multiplier, e.g. R001=0001Ω, R010=010Ω, R100=10Ω, R10=100Ω, R1000=1000Ω, 1001=1kΩ.
Resistor Code: 2%-10% - 2 signif. figures & multiplier, e.g. R001=001Ω, R01=01Ω, R10=1Ω, R100=10Ω, 1001=10Ω, 1001=1kΩ.
Tolerance: A: ±0.05%, B: ±0.1%, C: ±0.25%, D: ±0.5%, F: ±1%, G: ±2%, J: ±5%(std), K: ±10%
Packaging: B: bulk (standard)
Optional TC: 10=10ppm, 20=20ppm, 50=50ppm, 101=100ppm, 201=200ppm, etc. (leave blank if standard)
Termination: W= Lead-free, Q= Tin/Lead (leave blank if either is acceptable, in which case RCD will select based on lowest price and quickest delivery)

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