

VERTICAL MOUNT 2 WATT TO 10 WATT CERAMIC ENCASED RESISTORS PV SERIES

FEATURES

- ☐ 50% space savings over axial-leaded types!
- ☐ Built-in standoffs minimize heat transfer to P.C.B.
- ☐ **Available on exclusive 'SWIFT' delivery program!**
- ☐ 2W to 10W sizes, fireproof construction.
- ☐ Standard tolerance: $\pm 5\%$, $\pm 10\%$ (available to $\pm 1\%$)
- ☐ Wide resistance range: 0.01Ω to $100K\Omega$ on all sizes.
- ☐ Operating temperature range: -55°C to $+275^\circ\text{C}$
- ☐ Wirewound or film element utilized depending on resistance value or special modification.

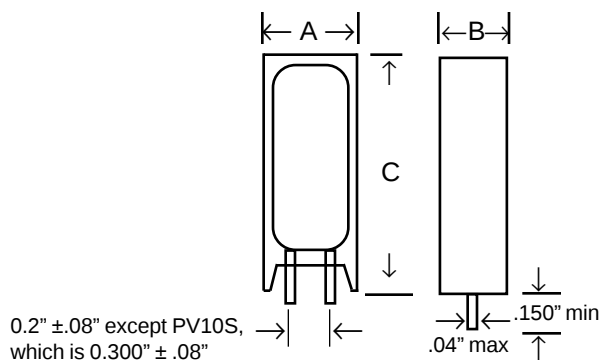
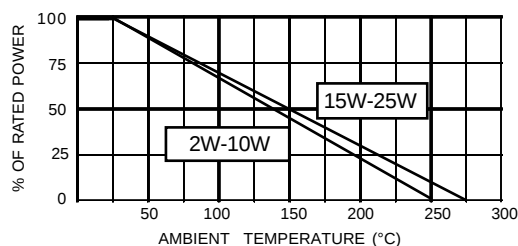
OPTIONS

- ☐ Increased Power: Type PV2B, PV3B
- ☐ Fuse Resistors: Type PV_FF
- ☐ Positive T.C.'s: Type PV_T
- ☐ Non-Inductive: Type PV_X
- ☐ Surge Resistant: Type PV_P

DIMENSIONS

RCD Type	Wattage	Max. Voltage	A $\pm .04$ [1.0]	B $\pm .04$ [1.0]	C $\pm .06$ [1.5]
PV2	2.0	65V	.435 [11]	.300 [7.6]	.800 [20.3]
PV2B	3.0	80V	.435 [11]	.300 [7.6]	.800 [20.3]
PV3	3.0	100V	.475 [12]	.350 [8.9]	.980 [24.9]
PV3B	4.0	150V	.475 [12]	.350 [8.9]	.980 [24.9]
PV5	5.0	200V	.500 [12.7]	.400 [10]	1.00 [25.4]
PV7	7.0	350V	.500 [12.7]	.400 [10]	1.52 [38.6]
PV10	10.0	500V	.500 [12.7]	.400 [10]	2.02 [51.2]
PV10S	10.0	400V	.625 [15.9]	.500 [12.7]	1.38 [35]

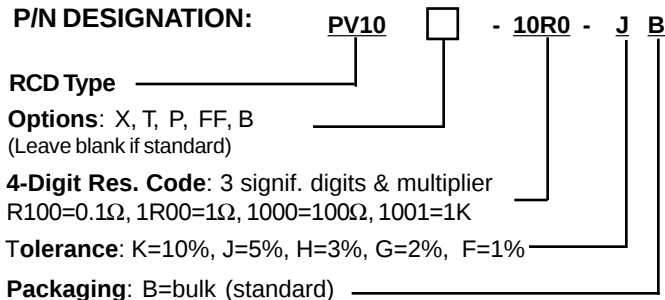
DERATING CURVE



PERFORMANCE SPECIFICATIONS

Temp.	1 Ω and Above	100ppm typ., 300 ppm max.
Coefficient	Below 1 Ω	200ppm typ., 600ppm max.
Terminal Strength	5 lbs. minimum	
Operating Temp. -55°C to:	$+235^\circ$	
Dielectric Strength	1000V	
Short-time Overload	2.0% + .05 Ω	
Moisture Resistance	5.0% + .05 Ω	
High Temp. Exposure	2.0% + .05 Ω	
Load Life (1000 hours)	5.0% + .05 Ω	
Temperature Cycling	3.0% + .05 Ω	
Shock and Vibration	2.0% + .05 Ω	

P/N DESIGNATION:



Note: RCD utilizes both wirewound and film elements in the construction of PV resistors. Please specify at the time of ordering if a specific type is preferred.

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