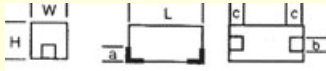
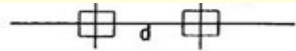


### PVS-1



### PAD LAYOUT



[Click drawing for other sizes](#)

### PVS-1 (SMD 2-tab) body dimensions:

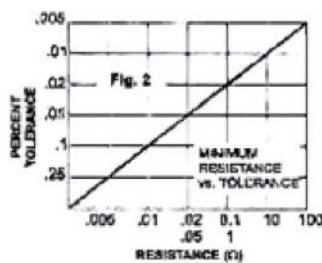
<b>H) Height</b>	3.30mm (.130")
<b>L) Length</b>	9.14mm (.360")
<b>W) Width</b>	3.18mm (.125")

PVS-1 Tab dimensions: a=.075"; b=.075"; c=.100"; d=.260"

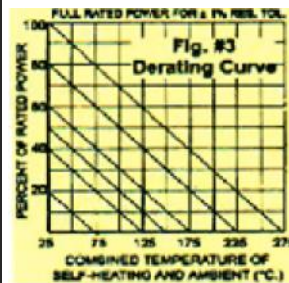
### PVS-1 Electrical and Physical Specifications:

<b>PVS-1 Values</b>	from 5KO to 0.001O
<b>Tolerances:</b>	to $\pm 0.005\%$
<b>TCR characteristics:</b>	0 $\pm 15$ ppm/ $^{\circ}$ C.(std.)...to 0 $\pm 10$ ppm/ $^{\circ}$ C.
<b>Stability (no load):</b>	to $\pm 0.005\%$ per year @ 25 $^{\circ}$ C
<b>Temperature:</b>	-65 $^{\circ}$ C to +275 $^{\circ}$ C (@ 1%). For closer tolerance see Derating Curve (Fig. 3).
<b>Max Watts:</b>	1W (0.111O min. @ 1W; 0.001O @ 0.009W)
<b>Max Current:</b>	3 Amps

### Min. Resistance Vs. Resistance Tolerance Ratio:



### Derating Information:



- 100% of Power for  $\pm 1\%$
- 80% of Power for  $\pm 0.5\%$
- 60% of Power for  $\pm 0.25\%$
- 50% of Power for  $\pm 0.1\%$
- 40% of Power for  $\pm 0.05\%$
- 30% of Power for  $\pm 0.02\%$
- 20% of Power for  $\pm 0.01\%$
- 10% of Power for  $\pm 0.005\%$

### SMT "Carrier Tape" Packaging per IEC 286-3 (EIA 481):

On Reels: (12.750" O.D.) x (4" I.D.) x (1" W) - (1/2" bore). Skin packed to board with polyfilm.

24mm Tape (.945" W) - 8 pitch: For type: HVS1, PRC100T, PVS1 & ST35

24mm Tape (.945" W) - 12 pitch: For type: HVS2, HVS3, LVS2, LVS3, PVS2 & PVS3

32mm Tape (1.260" W) - 12 pitch: For type: LVS5 & PVS5

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