

# LOW PROFILE SELF-LEADED CURRENT SENSE TRANSFORMERS



-  Materials meet UL 94V-0 rating
-  Self-leaded, surface mount
-  Designed for switching power supply applications

## Electrical Specifications @ 25°C — Operating Temperature -30°C to 130°C

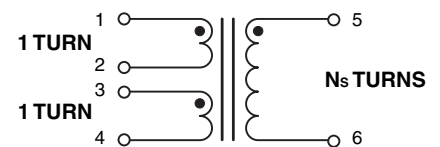
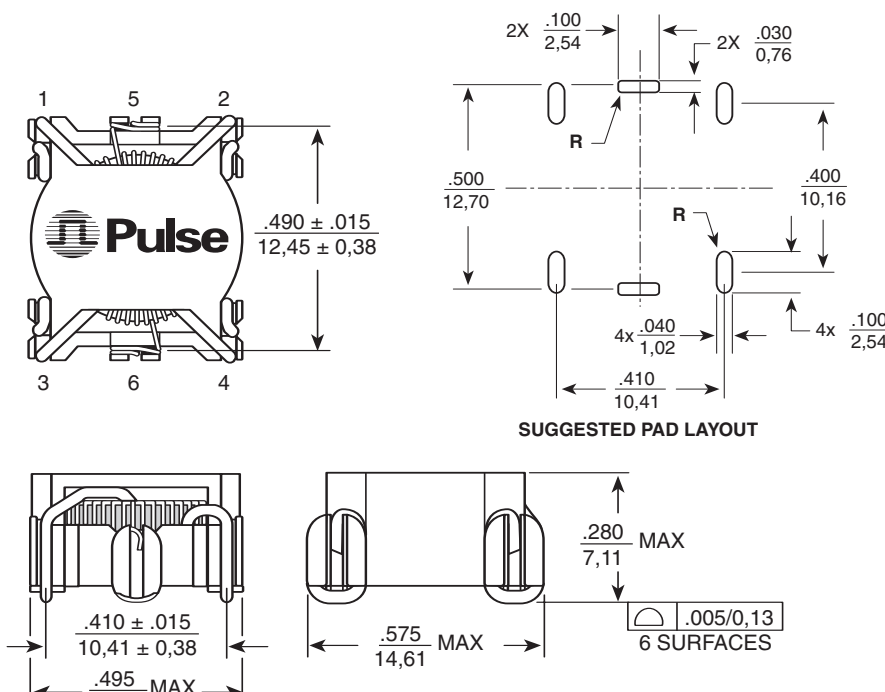
| Part Number | I (Amps) | R <sub>T</sub> (Ω) | Droop (%) | L <sub>s</sub> (mH MIN) | R <sub>s</sub> (Ω MAX) | Turns (N <sub>s</sub> ) | Hipot (V <sub>RMS</sub> ) |
|-------------|----------|--------------------|-----------|-------------------------|------------------------|-------------------------|---------------------------|
| PE-68210    | 15.3     | 25                 | 1.3       | 3.8                     | .38                    | 50                      | 500                       |
| PE-68280    | 16.3     | 50                 | 0.7       | 14.8                    | .93                    | 100                     | 500                       |
| PE-68383    | 16.4     | 100                | 0.3       | 57.0*                   | 4.2                    | 200                     | 500                       |

### NOTES:

- Inductance is measured at 100 KHz, 20 mVrms. \*10 KHz, 60 mVrms.
- Hipot is 500 Vrms, measured at 60 Hz, 2 seconds.
- I, R<sub>T</sub>, and Droop are reference values only.
- Reference values are for the one turn winding connected in parallel for unipolar operation at 200 KHz.
- Add suffix "T" to part number for tape and reel package (i.e. PE-68210T).

## Mechanical

## Schematic



Dimensions: Inches  
mm  
Unless otherwise specified,  
all tolerances are ± .005  
0,13