

- Maximum Reflow Temperature: 235°C (245°C for RoHS compliant)
- Storage Temperature: -55°C to +130°C
- Moisture Sensitivity Level(MSL): 1
- Can be made available in a RoHS configuration by special request (Sn100 lead finish)

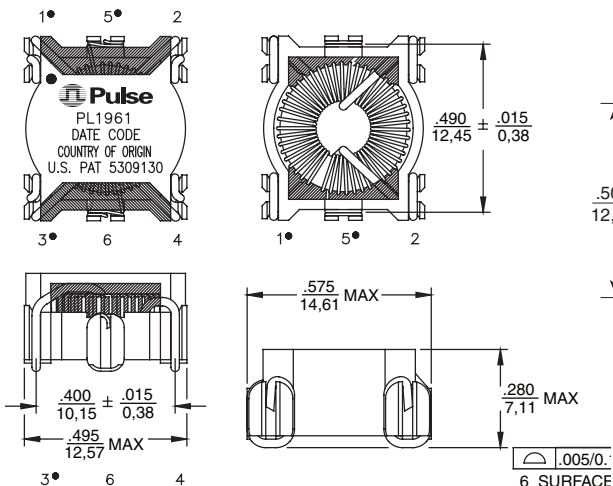
Electrical Specifications @ 25°C — Operating Temperature -40°C to +130°C

Part ^{5,6} Number	Turns Ratio	Current Rating (A)	Secondary Inductance (mH MIN)	DCR Primary (1,3-2,4) (mΩ MAX)	DCR Secondary (5-6) (mΩ MAX)	Hipot
PL1961	1:1:200	15.00	59.200	2.30	4200.0	500

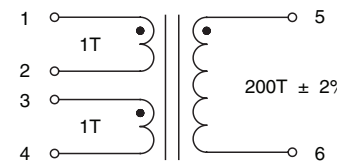
NOTES:

- The temperature of the component (ambient temperature plus temperature rise) must be within the specified operating temperature range.
- The maximum current rating is based upon temperature rise of the component and represents the dc current which will cause a typical temperature rise of 40°C with no air flow when both one turn windings connected in parallel.
- To calculate the value of the terminating resistor (Rt) use the following formula: $R_t (\Omega) = V_{REF} \cdot N / (I_{peak_primary})$
- The peak flux density of the device must remain below 2000 Gauss. To calculate the peak flux density for a uni-polar current use the following formula:
 $B_{PK} = 14.29 \cdot V_{REF} \cdot (Duty_Cycle_Max) \cdot 10^5 / (N \cdot Freq_kHz)$
 * for bi-polar current applications divide B_{PK} as calculated above by 2.
- For RoHS compliant parts add suffix NL to the part number.
- Add T suffix to the part number for tape and reel packaging.

Mechanical



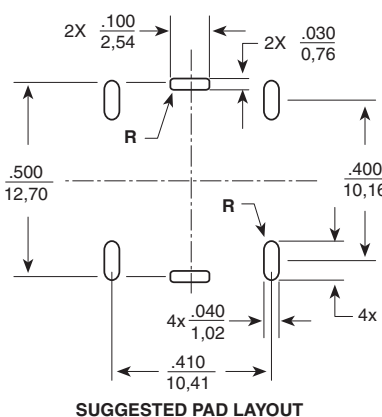
Schematic



Weight 2.10 grams
 Tape & Reel 300/reel
 Tube40/tube

Dimensions: Inches
mm

Unless otherwise specified,
 all tolerances are ± .010
0,25



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