Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

SMT GATE DRIVE TRANSFORMERS
1500VDC Basic and Operational Insulation

Pulse
A TECHNITROL COMPANY

- Storage Temperature: -55°C to +130°C
- 500Vdc isolation between gate and drive.
- Basic insulation(1.4mm creepage/clearance) and operational available.
- Maximum Reflow Temperature: 235°C (245°C for RoHS compliant)
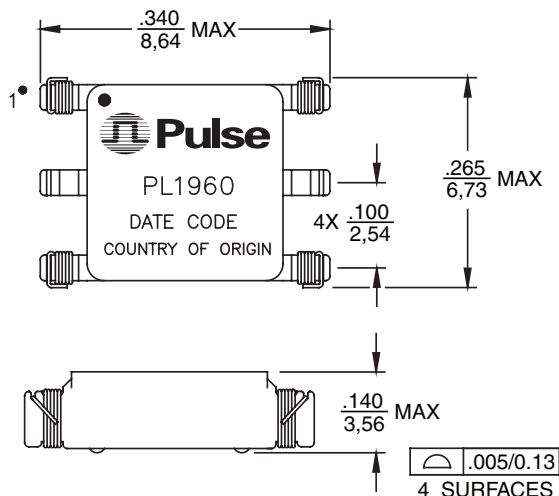- Moisture Sensitivity Level (MSL): 1

Part Number	Turns Ratio	Pri-Sec Insulation (Vdc)	MAX (v* usec)	Primary Inductance (uH MIN)	Leakage Inductance (uH MAX)	DCR Primary (Ω MAX)	DCR Secondary (Ω MAX)	Package Size
PL1960	1:1	1500.00	9.700	785.0	0.46	0.60	0.6	8.6x6.7x2.5

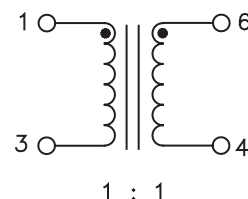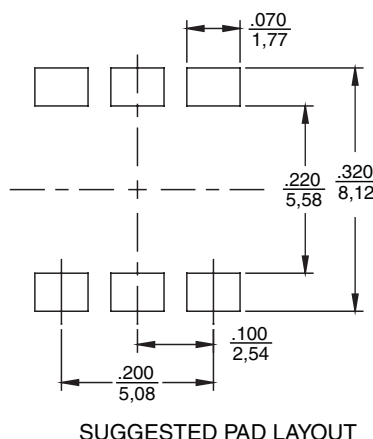Table header: **Electrical Specifications @ 25°C — Operating Temperature -40°C to +130°C[5]**

NOTES:

1. The maximum volt-µsec rating limits the peak flux density to 2200 Gauss when used in a unipolar drive application. For bi-polar drive applications a maximum volt-µsec of two times this rating is acceptable (ie: 2* (volt*µsec rating) Volt*µsec = (voltage applied to the primary) * dutycycle / Frequecy = V * alpha / Freq_Hz = V * µsec

2. Leakage inductance is measured at primary terminals with all secondaries shorted.

3. Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (i.e. P0544NL becomes P0544NLT). Pulse complies to industry standard tape and reel specification EIA481.

4. The "NL" suffix indicates an RoHS-compliant part number. Non-NL suffixed parts are not necessarily RoHS compliant, but are electrically and mechanically equivalent to NL versions. If a part number does not have the "NL" suffix, but an RoHS compliant version

5. The temperature of the component (ambient plus temperature rise) must be within the stated operating temperature range.

Mechanical

Schematic

1 : 1

Weight . . . . .0.28 grams
Tape & Reel 1500/reel
Tube 60/tube

Dimensions: $\frac{Inches}{mm}$

Unless otherwise specified, all tolerances are ± $\frac{.010}{0,25}$

SUGGESTED PAD LAYOUT

For More Information: