

## Surface Mount Transformer



### ELECTRICAL SPECIFICATIONS

**Primary Inductance (1 to 3):** 5.75  $\mu\text{H} \pm 20\%$  at 0.1  $V_{\text{RMS}}$ , 100 kHz

**Primary DC Current (continuous):** 0.3 A (DC) for temperature rise of 30 °C max.

**Primary Incremental Current (or peak current):** 2.3 A (PK) typical for less than 20 % reduction of inductance (1 s max. duration under test)

**Primary DC Resistance:** 0.90  $\Omega$  max.

**Secondary DC Resistance (4 to 6):** 16.2  $\Omega$  max.

**Turns Ratio:** pri : sec = 1.00 : 12.00

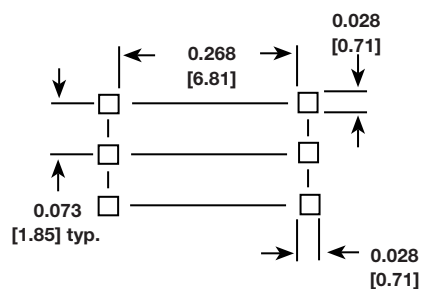
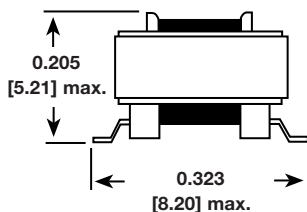
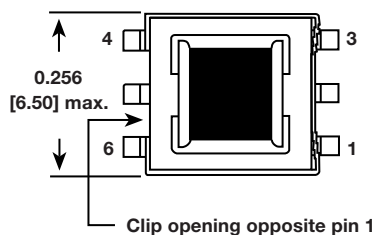
**Hipot Voltage:** 500 V (AC), 5 s (between primary and secondary windings and to core)

**Operating Temperature Range:** -20 °C to +85 °C

### STANDARD ELECTRICAL SPECIFICATIONS

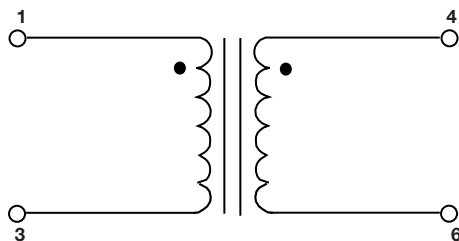
MODEL	PRIMARY IND. MIN. ( $\mu\text{H}$ )	PRIMARY IND. TOL.	PRIMARY DCR MAX. ( $\Omega$ )	PRIMARY MAX. RATED DC CURRENT (A)
LPE-3325-A205	5.75	$\pm 20\%$	0.90	0.3

### DIMENSIONS in inches [millimeters]



Footprint diagram

### SCHEMATIC





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