

Surface Mount Transformer



ELECTRICAL SPECIFICATIONS

Primary Inductance (1 to 3): 10 $\mu\text{H} \pm 20\%$ at 0.1 V_{RMS} , 100 kHz

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

Primary Incremental Current (or peak current): 0.5 A (DC) typical for less than 20 % reduction of inductance

Primary DC Resistance: 0.77 Ω max.

Secondary DC Resistance (4 to 6): 15 Ω max.

Turns Ratio: pri : sec = 1.00 : 12.00

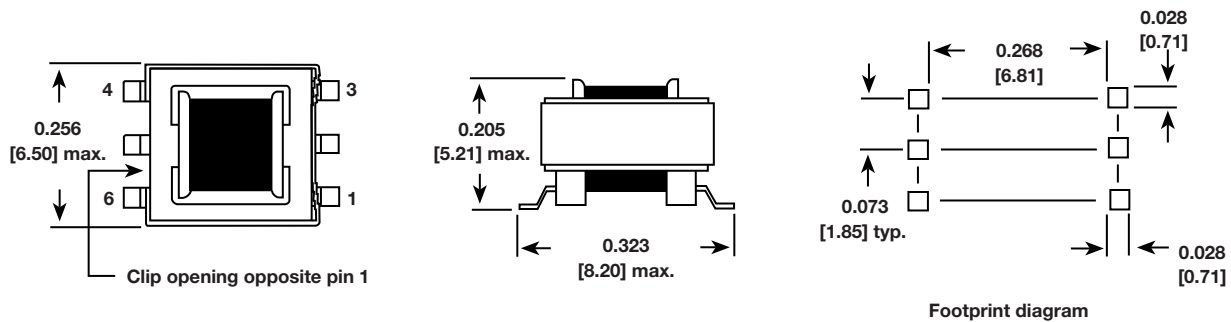
Hipot Voltage: 500 V (DC), 5 s (between primary and secondary windings and to core)

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

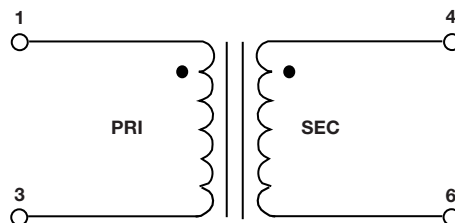
STANDARD ELECTRICAL SPECIFICATIONS

| MODEL | PRIMARY IND. MIN. (μH) | PRIMARY IND. TOL. | PRIMARY DCR MAX. (Ω) | PRIMARY MAX. RATED DC CURRENT (A) |
|---------------|-------------------------------------|-------------------|-------------------------------|-----------------------------------|
| LPE-3325-A190 | 10 | $\pm 20\%$ | 0.77 | 0.3 |

DIMENSIONS in inches [millimeters]



SCHEMATIC





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