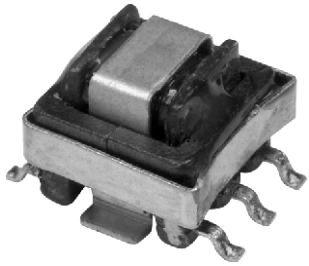


Surface Mount Current Sense Transformers



FEATURES

- Surface mount design
- Compatible with surface mount process temperatures
- Designed for switching supply applications
- Optimal performance at 100 kHz and above
- Five standard turns ratios
- Custom designs available
- Material categorization: For definitions please see www.vishay.com/doc?99912


RoHS
COMPLIANT

APPLICATIONS

- Switching power supplies
- AC current detection
- Output supply for control circuitry
- Appliances
- Medical equipment
- Office equipment

STANDARD ELECTRICAL SPECIFICATIONS

| MODEL | TURNS RATIO | SECONDARY | | PRIMARY AMPERES |
|-----------------|-------------|--|-----------------------|-----------------|
| | | IND. AT 100 kHz, 0.1 V MIN. (μ H) | DCR MAX. (Ω) | |
| LPE-3325-CST030 | 30 | 180 | 1.00 | 6 |
| LPE-3325-CST040 | 40 | 320 | 1.35 | 6 |
| LPE-3325-CST050 | 50 | 500 | 2.50 | 6 |
| LPE-3325-CST070 | 70 | 980 | 4.71 | 6 |
| LPE-3325-CST125 | 125 | 3000 | 7.70 | 6 |

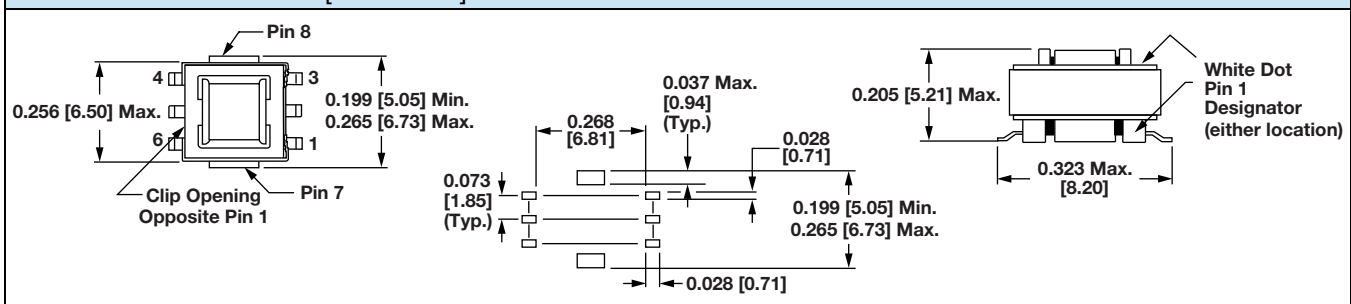
DESCRIPTION

| LPE | 3325 | 125 | ER | e2 |
|-------|--------|-------------|--------------|-------------------------------|
| MODEL | SERIES | TURNS RATIO | PACKAGE CODE | JEDEC LEAD (Pb)-FREE STANDARD |

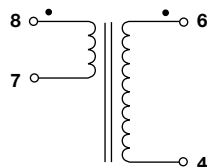
GLOBAL PART NUMBER

| | | | | | | | | | | | | | | |
|----------------|---|---|------|---|---|---|--------------|---|-------------|---|---|--------|---|---|
| L | P | E | 3 | 3 | 2 | 5 | E | R | 1 | 2 | 5 | C | S | T |
| PRODUCT FAMILY | | | SIZE | | | | PACKAGE CODE | | TURNS RATIO | | | SERIES | | |

DIMENSIONS in inches [millimeters]



SCHEMATIC





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