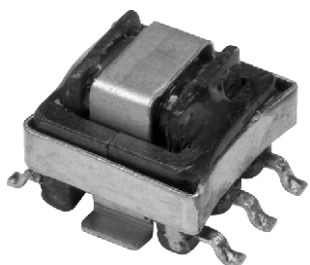


## Surface Mount Current Sense Transformers



## 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](http://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. (μH) | 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               |

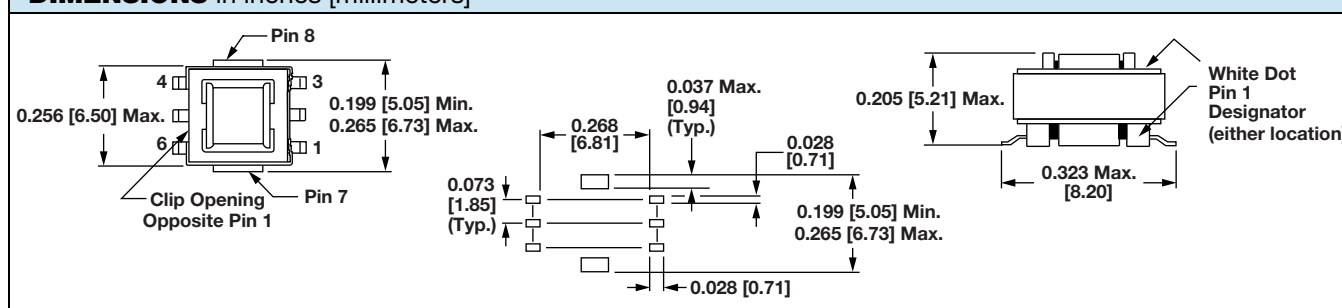
## DESCRIPTION

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

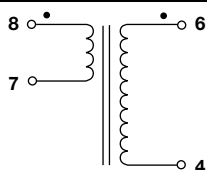
**GLOBAL PART NUMBER**

Diagram illustrating the structure of the part number:

- PRODUCT FAMILY:** L, P, E
- SIZE:** 3, 3, 2, 5
- PACKAGE CODE:** E, R
- URNS RATIO:** 1, 2, 5
- SERIES:** C, S, T

**DIMENSIONS** in inches [millimeters]

## SCHEMATIC





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