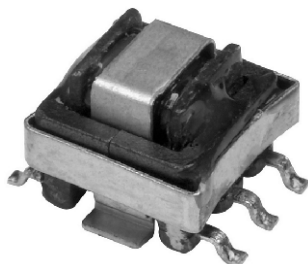


## Surface Mount Current Sense Transformers



### 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
- Lead (Pb)-free construction



**RoHS**  
COMPLIANT

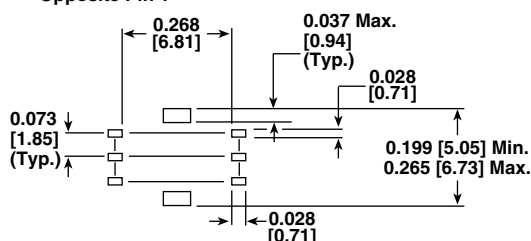
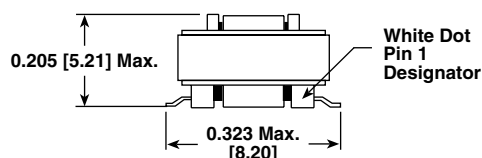
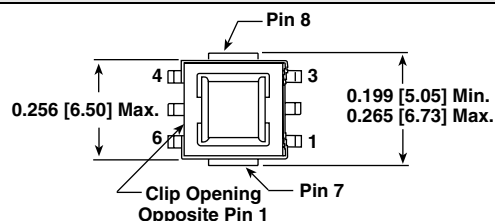
### APPLICATIONS

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

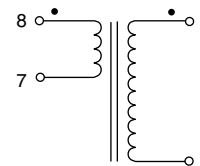
### STANDARD ELECTRICAL SPECIFICATIONS

| MODEL           | TURNS RATIO | SECONDARY INDUCTANCE<br>AT 100 kHz, 0.1 V<br>MIN. (μH) | SECONDARY<br>DC RESISTANCE<br>MAX. (Ohms) | PRIMARY<br>AMPS |
|-----------------|-------------|--------------------------------------------------------|-------------------------------------------|-----------------|
| 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               |

### DIMENSIONS in inches [millimeters]



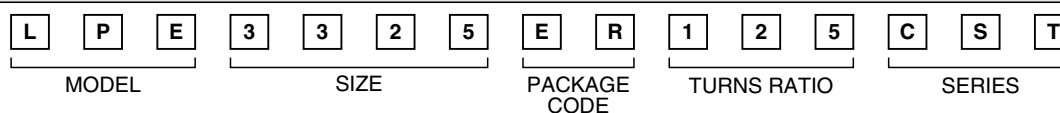
### Schematic



### DESCRIPTION

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

### GLOBAL PART NUMBER





### Disclaimer

All product specifications and data are subject to change without notice.

Vishay Intertechnology, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product.

Vishay disclaims any and all liability arising out of the use or application of any product described herein or of any information provided herein to the maximum extent permitted by law. The product specifications do not expand or otherwise modify Vishay's terms and conditions of purchase, including but not limited to the warranty expressed therein, which apply to these products.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay.

The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications unless otherwise expressly indicated. Customers using or selling Vishay products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify Vishay for any damages arising or resulting from such use or sale. Please contact authorized Vishay personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.