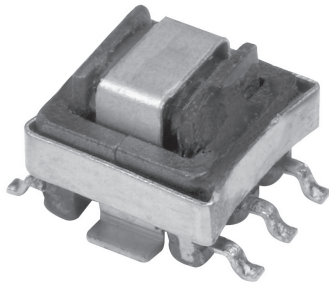


# Surface Mount Current Sense Transformer


**FEATURES**

- Surface mount design
- Compatible with surface mount process temperatures
- Designed for switching supply applications
- Optimal performance at 100kHz and above
- Five standard turns ratios
- Custom Designs available
- Lead (Pb)-free construction

**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 @ 100kHz, 0.1V MIN. (μH)	SECONDARY DC RESISTANCE MAX. (Ohms)	PRIMARY 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]

Top View Dimensions: Pin 8, Pin 7, Pin 1, Pin 3, Pin 4, Pin 6, Clip Opening Opposite Pin 1, 0.256 [6.50] Max., 0.199 [5.05] Min., 0.265 [6.73] Max.

Side View Dimensions: 0.205 [5.21] Max., White Dot Pin 1 Designator, 0.323 Max. [8.20]

Schematic Dimensions: 0.073 [1.85] (Typ.), 0.266 [6.81], 0.037 Max. [0.94] (Typ.), 0.028 [0.71], 0.199 [5.05] Min., 0.265 [6.73] Max., 0.028 [0.71]

Schematic: Shows primary winding (pins 7, 8) and secondary winding (pins 4, 6).

DESCRIPTION				
LPE-3325	CST	125	ER	e2
MODEL	SERIES	TURNS RATIO	PACKAGE CODE	JDEC STANDARD

**GLOBAL PART NUMBER**

L	P	E	3	3	2	5	E	R	1	2	5	C	S	T
MODEL			SIZE			PACKAGE CODE		TURNS RATIO			SERIES			



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