

Surface Mount Current-Sense Transformers



KEY BENEFITS

- Surface-mount design
- Available in five standard turns ratios of 30, 40, 50, 70, and 125
- Lead (Pb)-free construction
- Custom designs available
- Compliant to RoHS Directive 2011/65/EU

APPLICATIONS

- Switching power supplies
- AC current detection
- Output supply for control circuitry
- End applications:
 - appliances
 - medical equipment
 - office equipment

RESOURCES

- Datasheet: LPE-3325-CST - <http://www.vishay.com/doc?34155>
- For technical questions contact magnetics@vishay.com



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?999912


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

