

PCB MOUNT CURRENT SENSE TRANSFORMERS

ACSTE13 SERIES



FEATURES:

- Inductance: 2mH to 10mH
- Rated current: 10A
- Secondary resistance: 1620mΩ to 2100mΩ
- Frequency range from 20 kHz to 500 kHz
- Compliant with AEC-Q200

APPLICATIONS:

- Direct current, such as battery monitoring
- Low frequency sine applications, including 50Hz/60Hz electrical transmission, distribution, and storage systems
- High frequency, including switch mode power supply circuits with operating frequency > 40kHz

ELECTRICAL CHARACTERISTICS: @25°C

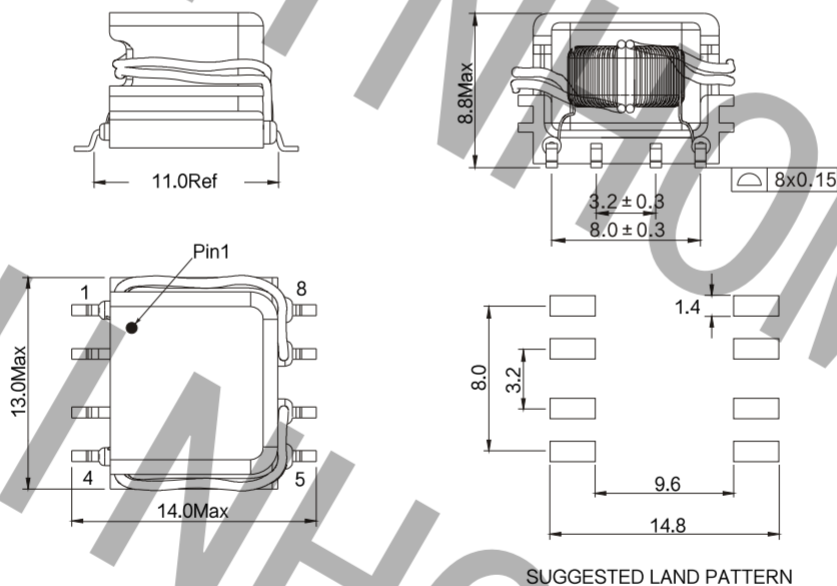
Part Number	Turns ratio	Sec. Inductance (mH) Min 100KHz, 10.V	DCR Max		Current range (A)	Hi-Pot (Vdc)
			Pri(mΩ)	Sec(Ω)		
ACSTE13-065	1:65	2.0	3.0	1620	10	4400
ACSTE13-100	1:100	10.0	3.0	2100	10	4400

Note:

1. Inductance measured between secondary pins at 100 kHz, 0.1 Vrms, 0 A dc.
2. For specific questions regarding frequency range, please contact our salesers. windings connected in parallel
3. The maximum current rating is based upon temperature rise of the component and represents the DC current which will cause a typical temperature rise of 40 °C with no airflow when both one turn

PHYSICAL CHARACTERISTICS & WINDING

Dimension: mm



APPLICATION CIRCUIT

