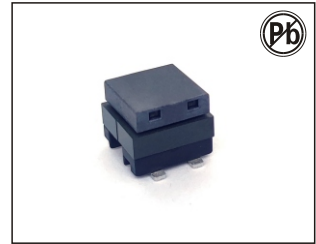


# SMT CURRENT SENSE TRANSFORMERS

## ACSTE11 SERIES



### FEATURES:

- Height: 10mm Max
- Footprint: 12.5mm X 11.5mm Max
- Frequency range: 50KHz to 500KHz
- Primary rated current: 30A
- Operating temperature: -40°C to +125°C

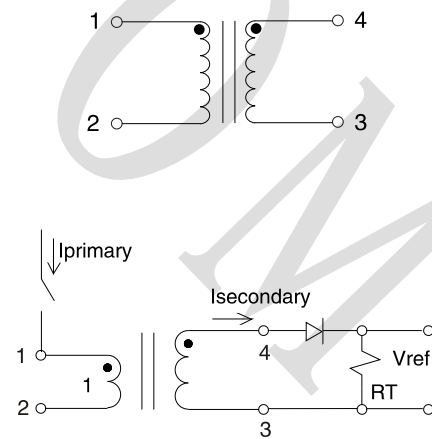
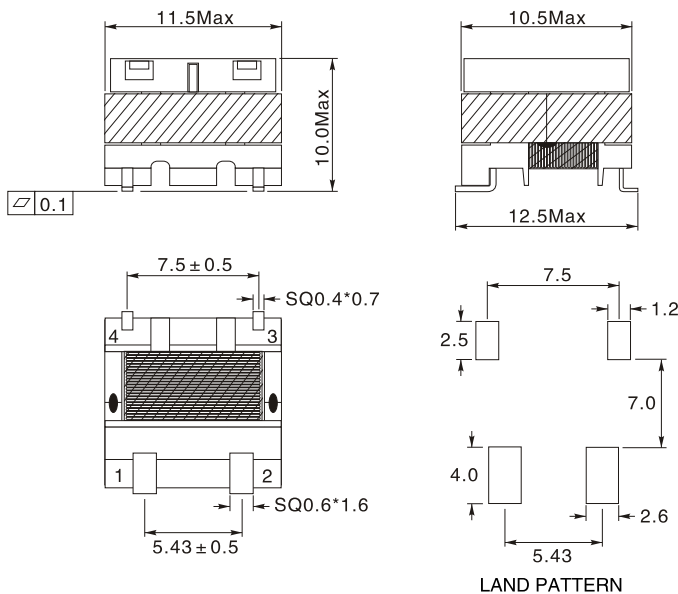
### ELECTRICAL CHARACTERISTICS:

Part Number	Turns ratio	Sec. Inductance (mH) 10KHz,0.1V	DCR		Hi-Pot (Vrms)
			Pri (mΩ)Max	Sec (Ω)Max	
ACSTE11-200	1:20	0.27min.	0.8	0.36	500
ACSTE11-300	1:30	0.61min.	0.8	0.53	500
ACSTE11-400	1:40	1.08min.	0.8	1.12	500
ACSTE11-500	1:50	1.68min.	0.8	1.41	500
ACSTE11-600	1:60	2.43min.	0.8	1.70	500
ACSTE11-700	1:70	3.30min.	0.8	2.00	500
ACSTE11-800	1:80	4.32min.	0.8	2.30	500
ACSTE11-101	1:100	6.75min.	0.8	2.90	500
ACSTE11-121	1:125	10.5min.	0.8	3.70	500
ACSTE11-151	1:150	15.2min.	0.8	4.50	500
ACSTE11-201	1:200	27.0min.	0.8	8.10	500

1. The temperature of component (ambient temperature plus temperature rise) must be within the specified operating temperature range.
2. 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 windings connected in parallel.

### PHYSICAL CHARACTERISTICS & WINDING

Dimension: mm



APPLICATION CIRCUIT

Unless otherwise specified, all tolerances are ± 0.25mm