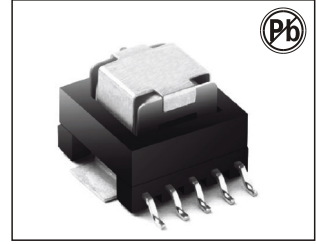


# SMT CURRENT SENSE TRANSFORMERS

## ACSTE12 SERIES



### FEATURES:

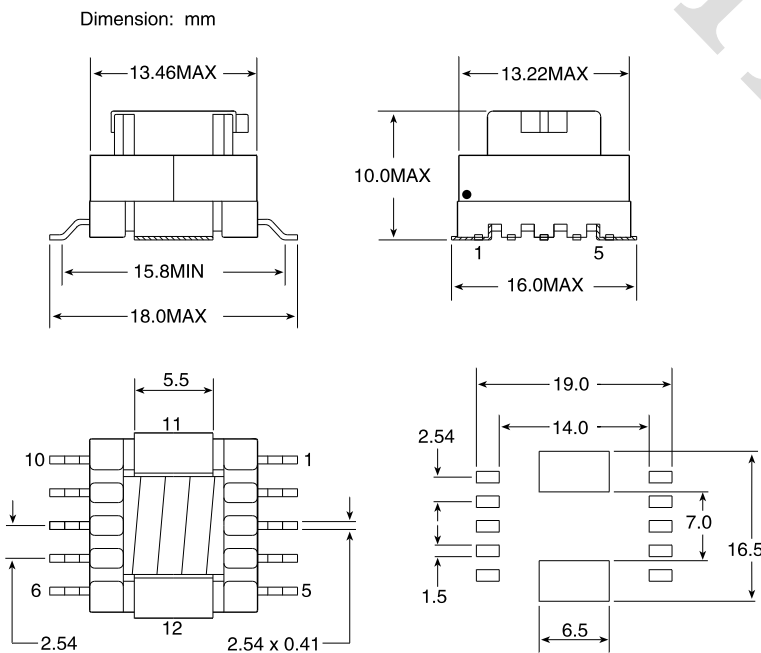
- Height: 10mm Max
- Footprint: 19.9mm X 15.0mm Max
- Frequency range: 50KHz to 500KHz
- Current rating: up to 40A
- Operating temperagure: -40°C to +130°C

### ELECTRICAL CHARACTERISTICS:

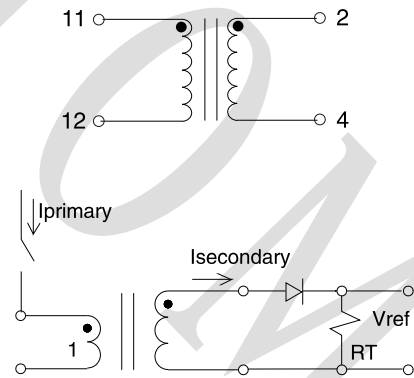
Part Number	Turns ratio	Sec. Inductance (mH) 10KHz,0.1V	DCR (mΩ)Max		Hi-Pot (Vrms)
			Pri	Sec	
ACSTE12-50	1:50	1.4 min.	0.42	700	500
ACSTE12-100	1:100	5.6 min.	0.42	1400	500
ACSTE12-200	1:200	22.4 min.	0.42	2900	500

1. The temperature of component (ambient temperature plus temper-ature 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



Unless otherwise specified, all tolerances are ± 0.25mm



APPLICATION CIRCUIT

Weight..... 4.7g  
 Tray..... 100/tray  
 Tape&Reel..... 300/reel