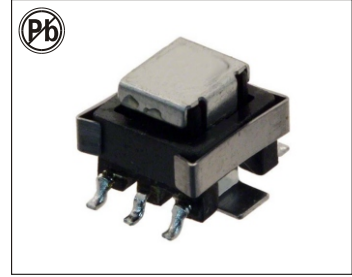


# Current Sense Transformer

## ACSTE5.0 SERIES



### FEATURES:

- Very low DC resistance
- Different turns ratios
- Small package
- Other pinning on request

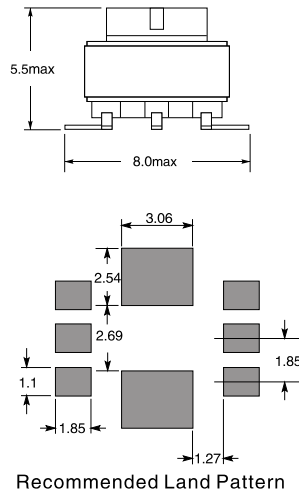
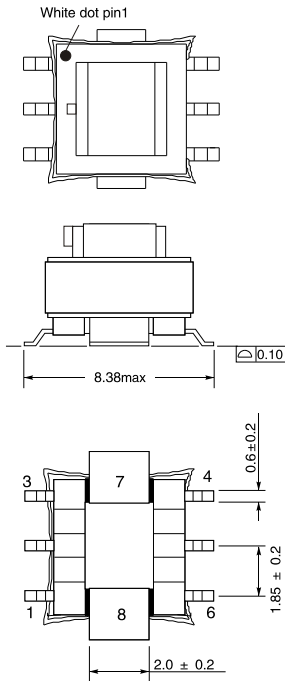
### APPLICATIONS:

- Switching power supplies
- Feedback control
- Overload sensing
- Load drop/Shut down detection

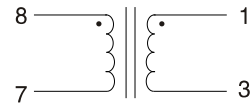
## ELECTRICAL SPECIFICATIONS:

Part No.	Turns ratio	Ls (uH, Min) 100KHz, 0.1V	Rp (Ω, Max)	Rs (Ω, Max)	Sensed Current (A)
ACSTE5.0-200	1:20	80	0.0007	0.4	10
ACSTE5.0-300	1:30	180	0.0007	0.87	10
ACSTE5.0-400	1:40	320	0.0007	1.14	10
ACSTE5.0-500	1:50	500	0.0007	1.85	10
ACSTE5.0-600	1:60	730	0.0007	2.3	10
ACSTE5.0-700	1:70	980	0.0007	4.75	10
ACSTE5.0-101	1:100	2000	0.0007	5.5	10
ACSTE5.0-121	1:125	3000	0.0007	11.5	10

## MECHANICAL: Unit:mm



Schematic



## NOTES

1. Operating temperature : -40°C to 125°C
2. Storage temperature Component: -40°C to +125°C
3. Inductance measured between secondary pins at 100kHz, 0.1 Vrms, 0 Adc
4. Electrical specifications at 25°C
5. Inductance measured at 0Adc on HP 4284A LCR Meter or equivalent
6. DCR measured on Chroma 16502 micro-ohmmeter or equivalent

Specifications subject to change without notice