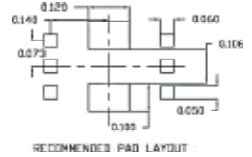
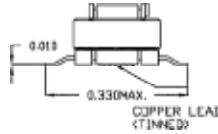
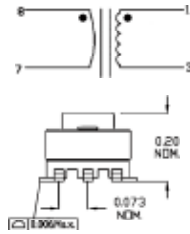
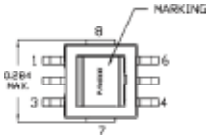


# CST3319 Current Sense Transformers



## CHARACTERISTICS

**HEIGHT:** 0.200" nom.

**FOOTPRINT:** 0.284" X 0.330

**CURRENT RATING:** Up to 10 amps

**FREQUENCY RANGE:** 50 KHz to 1 MHz

**OPERATING TEMP:** -40°C to +130°C

## NOTES:

- A) 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 air flow.
- B) The peak flux density of device must remain below 0.20T.
- C) Hipot: 500 VAC between windings and between windings and core.

Part Number	Turns Ratio	Current Rating	Secondary Ind, (mH Min)	DCR (Ω) Max Primary	DCR (Ω) Max Secondary
CST3319-2	1:20	10	0.08	0.006	0.55
CST3319-3	1:30	10	0.18	0.006	0.87
CST3319-4	1:40	10	0.32	0.006	1.14
CST3319-5	1:50	10	0.50	0.006	1.50
CST3319-6	1:60	10	0.72	0.006	1.75
CST3319-7	1:70	10	0.98	0.006	4.75
CST3319-8	1:100	10	2.00	0.006	5.50
CST3319-9	1:125	10	3.00	0.006	6.50