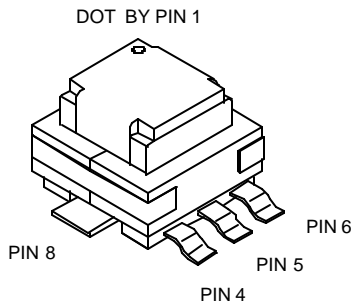




SMT Current Sensors

- CST 20 Amp Series



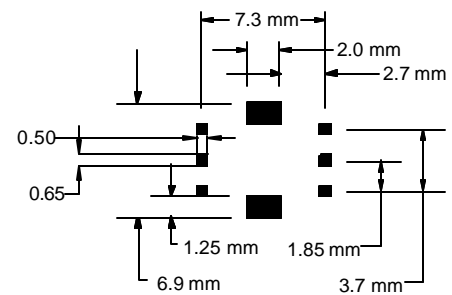
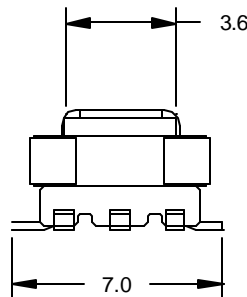
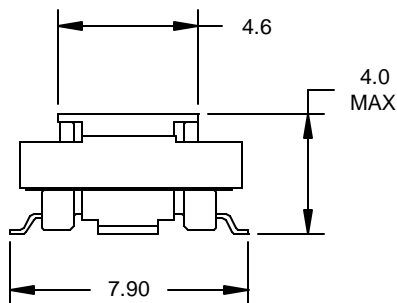
Description

- Low profile surface mount
- Designed for switch mode power supply application
- Compatible with surface mount process temperatures
- UL class H 180°C

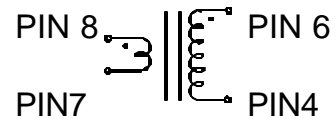
Application

- Switching power supplies
- AC current detection
- Output supply for control circuitry
- Appliance, medical equipment, office equipment

Mechanical Drawing



Land Pattern



Schematic

Electrical Properties

Part Number	Secondary Inductance (mH Min.)	Secondary D.C. Resistance ($\Omega \pm 15\%$)	Turns Ratio	Primary Current (A Max.)
CST 5942-G	0.98	4.33	1 : 70	20
CST 6060-G	0.08	1.21	1 : 20	20
CST 6061-G	0.18	1.82	1 : 30	20
CST 6062-G	0.50	3.03	1 : 50	20
CST 6063-G	2.00	6.19	1 : 100	20
CST 6064-G	4.00	12.86	1 : 200	20

Note:

- Inductance test at 10KHz, 1Vrms
- D.C. Resistance measured at 20°C
- Hipot 500 VDC

Packaging

- 1000 pcs per reel

Storage & Handling Information

- See detail visit our web page at http://www.gbint.com/files/data/Storage_Handling/Storage_Handling.pdf