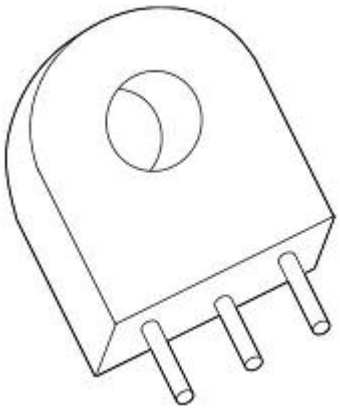
Current Sense Xfmr - PCB Type: 50 - 400Hz

Triad Current Sense Transformers are used to detect currents passing through a conductor. These transformers are very reliable and operate effectively between 50-60Hz . They are constructed of UL rated 130C° materials.



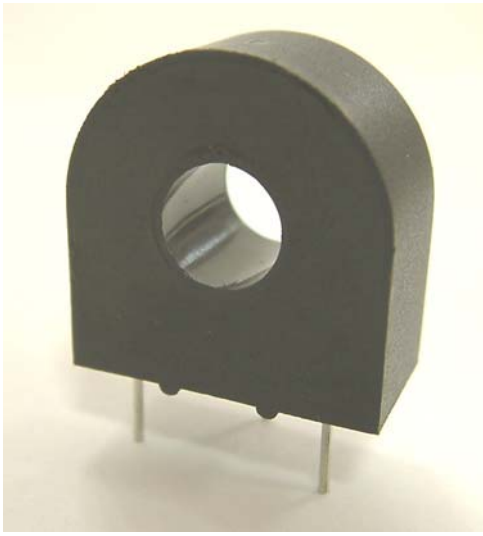
Part No.	Ip Amps	Turns Ratio	DCR (Ω) Nominal	Dimensions (mm)						Net Weight (g)
				H	W	D	ID	A	B	
CST-1005	5	1000:1	40	24.80	23.50	12.00	8.50	15.0	7.0	20.0
CST-1010	10	1000:1	40	24.80	23.50	12.00	8.50	15.0	7.0	20.0
CST-1015	15	1000:1	40	24.80	23.50	12.00	8.50	15.0	7.0	20.0
CST-1020	20	1000:1	40	24.80	23.50	12.00	8.50	15.0	7.0	20.0
CST-1025	25	1000:1	46	30.20	30.20	14.30	11.40	20.32	10.16	30.0
CST-1030	30	1000:1	46	30.20	30.20	14.30	11.40	20.32	10.16	30.0

Notes:

1. Ip: Input Current
2. Pin 3 for mechanical support only
3. Pin length: 5±1mm
4. Pin diameter: 0.8±.1mm

50/60 Hz Current Sense Transformers

CST-1005



Description:

Triad current sense transformers are used to detect the current passing through a conductor. These transformers are very reliable and operate efficiently at 50/60 Hz.

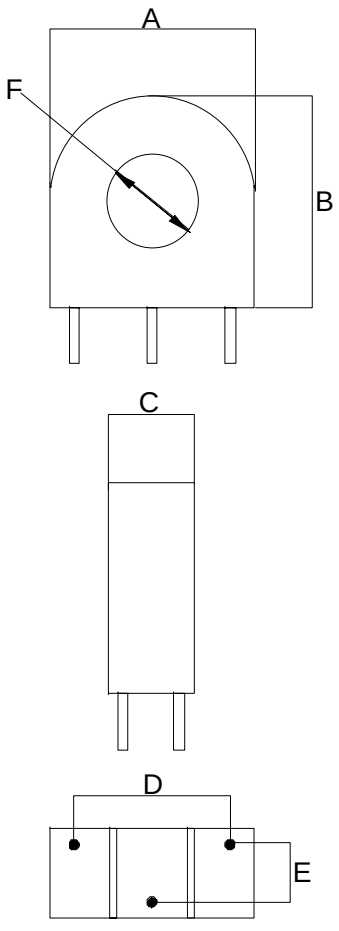
Electrical Specifications (@25C)

IP Amps	Turns Ratio	Terminating Resistor		DCR (Ω)	Volts/Amp@ rated IP for various loads (Ω)				Net Weight
		Ohms	Watts	Nominal	100	500	2K	5K	Grams
5	1000:1	100	.0025	40	.0958	.4490	1.3694	1.8402	20

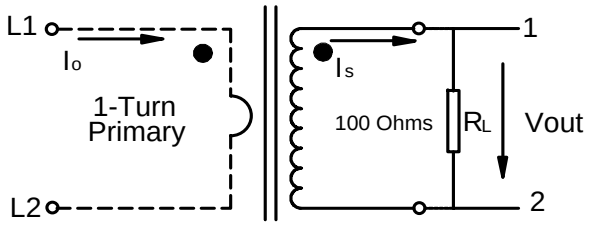
Dimensions:

A	B	C	D	E	F
23.50	24.80	12.00	15.00	7.50	8.50

Units: In mm



Schematic:



Technical Notes:

1. Center Pin normally for mechanical support only.
2. Pin diameter is 0.8±0.1 mm.
3. Pin length is 5±1mm.

RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2002/95/EC, known as the RoHS initiative.