

Current Sensor 12.7 mm Toroid With Primary

POWER MAGNETICS

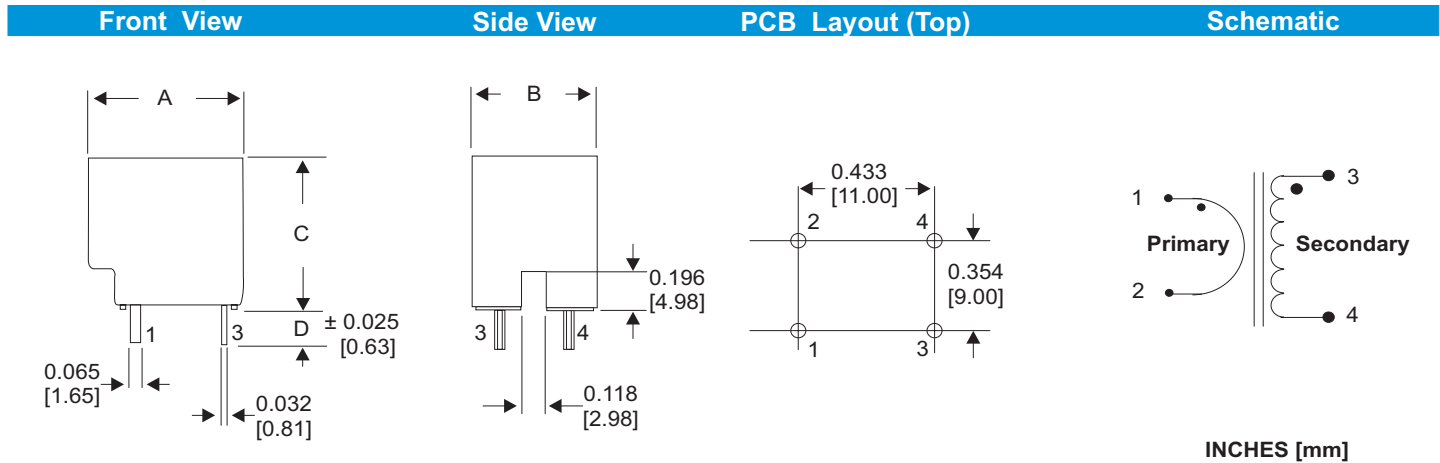
[CST013-PRI 50/60 Hz Series]



MAX. DIM :
L = 20.50 mm
W = 16.00 mm
H = 24.13 mm

- Diverse applications for overload sensing, load drop, shutdown and feed-back control in switch mode power supplies.
- For use in 50/60 Hz.
- Rated current up to 12 Amps.
- Single primary built-in.
- Only available in potted construction.
- Dielectric strength of 3750 V between primary and secondary.
- Approved for VDE/TUV.

MECHANICAL SPECIFICATIONS



ELECTRICAL SPECIFICATIONS

FALCO PART NUMBER	RoHS PART NUMBER	L (H) ¹ min.	Freq. (Hz)	Turns Ratio	DCR (Ω max)	I _{rms} max (Amps.)	A max. in / mm	B max. in / mm	C max. in / mm	D nom. in / mm
*T50123		4.40	120	1400:1	106	5.00	0.807 / 20.50	0.630 / 16.00	0.950 / 24.13	0.175 / 4.45
T50124		4.50	120	1500:1	120	6.00	0.807 / 20.50	0.630 / 16.00	0.950 / 24.13	0.175 / 4.45
T50095	T50L95	13.00	120	2350:1	300	12.00	0.807 / 20.50	0.630 / 16.00	0.950 / 24.13	0.150 / 3.81

1. Inductance L tested at 0.25 V. *Tested at 1.0 V.
 2. L tested at Ta= 25°C.



RoHS COMPLIANT PRODUCT