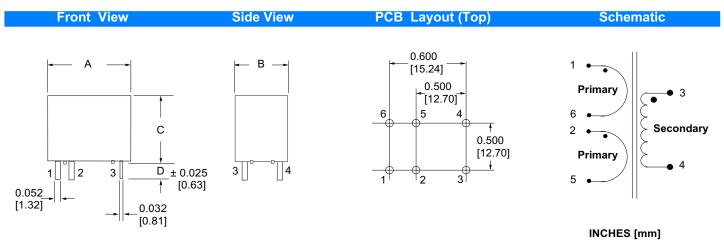
## Current Sensor 12.7 mm Toroid Dual Primary POWER MAGNETIC (CST013-DUAL Digital Series )





- Diverse applications for overload sensing, load drop, shutdown and feed-back control in switch mode power supplies.
- For use in 20 KHz to 200 KHz applications.
- Peak current 35 Amps.
- Only available in potted construction.
- Dielectric strength of 3750 V between primaries and secondary.

## **MECHANICAL SPECIFICATIONS**



## **ELECTRICAL SPECIFICATIONS**

FALCO PART NUMBER	L (mH) <sup>1</sup> min.	Freq. (KHz)	Turns Ratio	DCR (Ω max)	lpk (Amps.)	A-µs	A max. in / mm	B max. in / mm	C max. in / mm	D nom. in / mm
T50085	5.00	1.00	50:1:1	0.700	30.00	160.00	0.900 / 22.86	0.700 / 17.78	0.750 / 19.05	0.150 / 3.81
T50086	28.05	1.00	100:1:1	1.400	35.00	300.00	0.900 / 22.86	0.700 / 17.78	0.750 / 19.05	0.150 / 3.81
T50015	80.00	1.00	200:1:1	4.500	35.00	600.00	0.900 / 22.86	0.700 / 17.78	0.750 / 19.05	0.150 / 3.81
T50087	320.00	1.00	400:1:1	10.000	35.00	1200.00	0.900 / 22.86	0.700 / 17.78	0.750 / 19.05	0.150 / 3.81

1. Inductance L tested at 0.25 V.

2. L tested at Ta= 25°C.

CST013-DUAL.PDF REV: E3 09/04