

HIGH FREQUENCY CURRENT SENSING TRANSFORMER

FACTE5 SERIES



ELECTRICAL SPECIFICATION

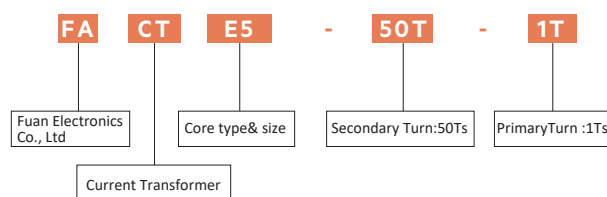
- Temperature Rise Current(Irms):The current when temperature of coil increases up to max. $\Delta T=40^{\circ}C$. ($T_a=20^{\circ}C$)
- Operating temperature: $-40^{\circ}C$ to $+125^{\circ}C$
- L: HP4284A PRECISION LCR METER
- DCR: CHENHWA 502 OHM METER
- Electrical specifications at $25^{\circ}C$

FEATURES

- Very low DC resistance
- Different turns ratios
- Small package
- RoHS compatible
- Other pinning on request

APPLICATIONS

- Switching power supplies
- feedback control
- overload sensing
- Load drop/shut down detection



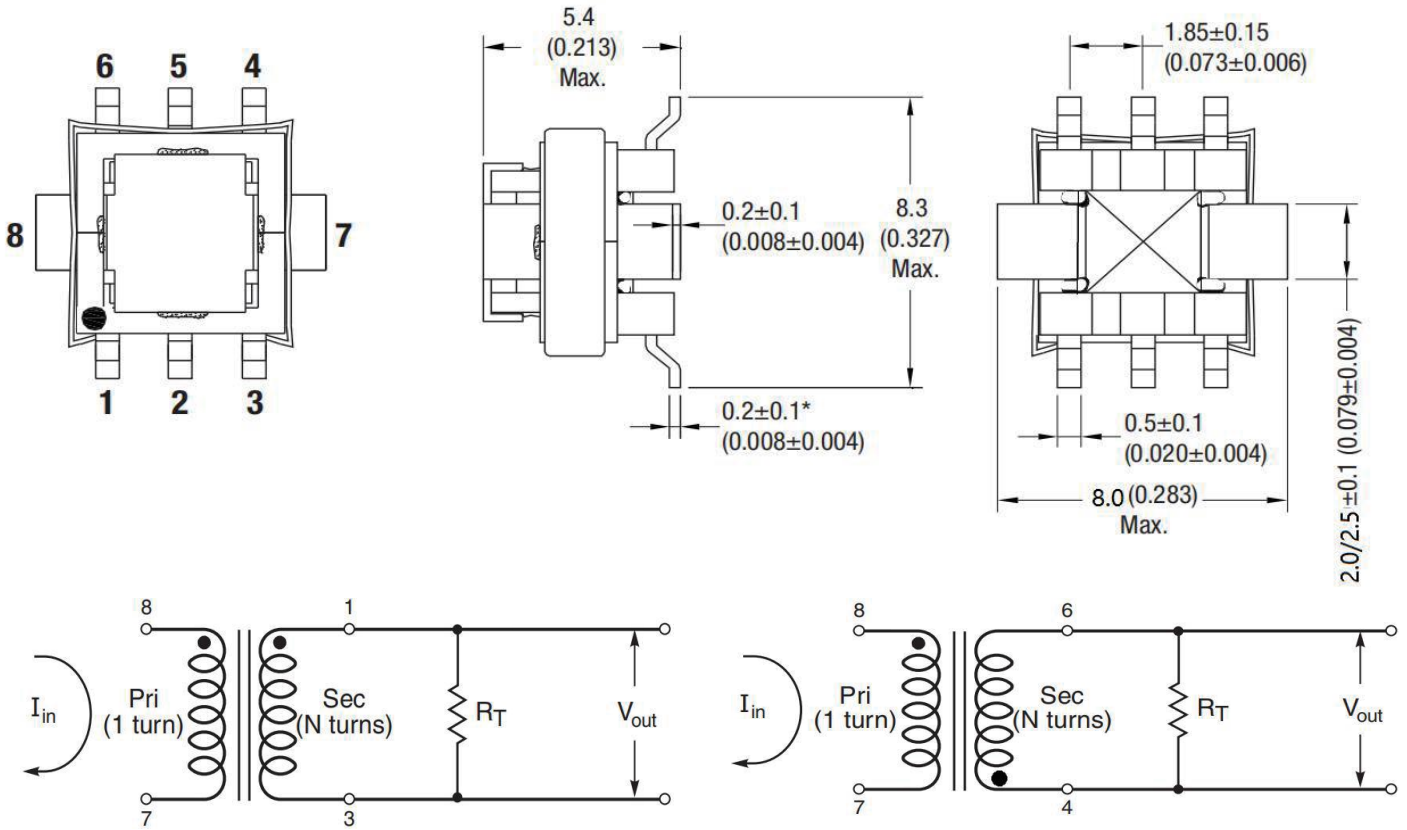
ELECTRICAL CHARACTERISTICS FORM

Part Number	Turns ratio sec:pri	Secondary Inductance @100KHZ0.1V (uH)MIN	DCR(Ω)		Sensed Current(A) (Max)
			Sec Max	Pri Ref	
FACTE5-20T-1T	20:1	80	0.40	0.0007	10/20
FACTE5-30T-1T	30:1	180	0.87	0.0007	10/20
FACTE5-40T-1T	40:1	320	1.14	0.0007	10/20
FACTE5-50T-1T	50:1	500	1.85	0.0007	10/20
FACTE5-60T-1T	60:1	730	2.30	0.0007	10/20
FACTE5-70T-1T	70:1	980	4.75	0.0007	10/20
FACTE5-100T-1T	100:1	2000	5.50	0.0007	10/20
FACTE5-125T-1T	125:1	3000	11.50	0.0007	10/20

Product datasheet

ELECTRICAL INFORMATION

Dimension in mm



CURRENT VS TEMPERATURE RISE

