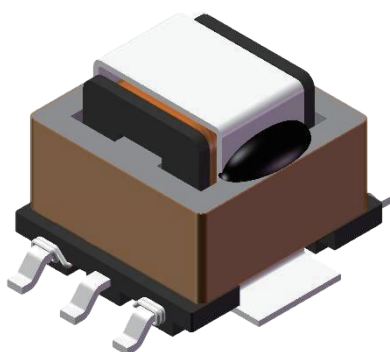


HIGH FREQUENCY CURRENT SENSING TRANSFORMER

FACTE8B SERIES



ELECTRICAL SPECIFICATION

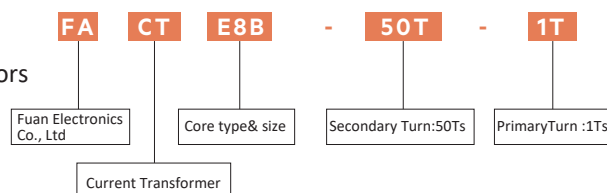
- Temperature Rise Current(Irms):The current when temperature of coil increases up to max. $\Delta T=40^{\circ}C$. ($T_a=20^{\circ}C$)
- Operating temperature: $-40^{\circ}C$ to $+125^{\circ}C$
- L: HP4284A PRECISION LCR METER
- DCR: CHENHWA 502 OHM METER
- Electrical specifications at $25^{\circ}C$

FEATURES

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

APPLICATIONS

- Power supply for VTRs
- Small surface mount current sensors
- Sensed current up to 30 A;
Frequency range up to 1MHz
- Very low primary DC resistance
- 1.0KV DC/3mA / 1S isolation (hipot)
between windings
- LCD televisions、 Notebook PCs、
Portable communication equipment、
DC/DC converters,m etc



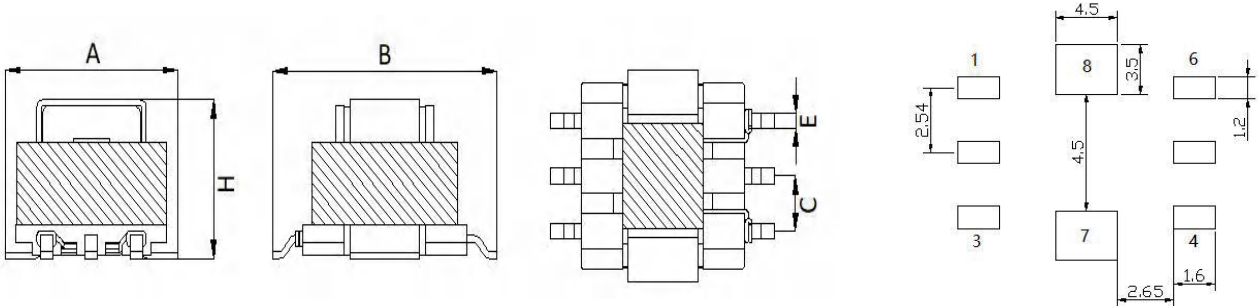
ELECTRICAL CHARACTERISTICS FORM

Part Number	Turns ratio sec:pri	Secondary Inductance @100KHZ0.1V (mH)MIN	DCR(Ω)		Sensed Current(A) (Max)
			Sec Max	Pri Ref	
FACTE8B-50T-1T	50:1	1.40	0.65	0.0039	30
FACTE8B-100T-1T	100:1	5.60	2.00	0.0039	30
FACTE8B-125T-1T	125:1	8.70	5.20	0.0039	30
FACTE8B-150T-1T	150:1	12.6	6.50	0.0039	30
FACTE8B-200T-1T	200:1	22.0	8.00	0.0039	30

Product datasheet

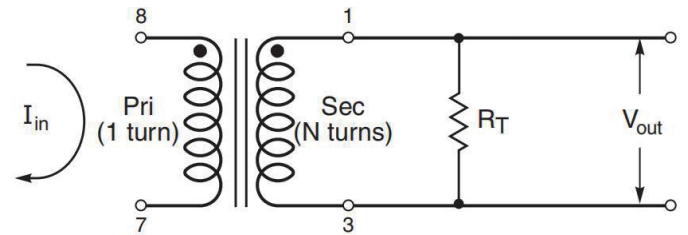
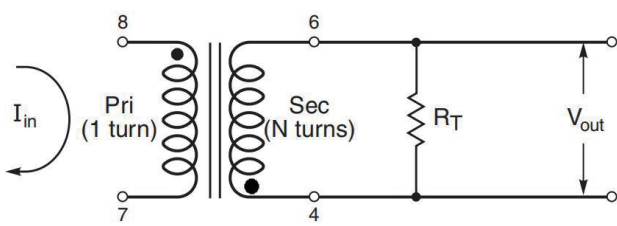
ELECTRICAL INFORMATION

Dimension in mm



Item	A MAX.	B MAX.	H MAX.
FACTE8B	11.00	13.00	7.80

Item	C	E			
FACTE8B	2.50	0.70			



CURRENT VS TEMPERATURE RISE

