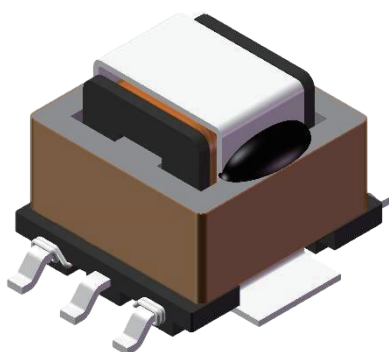


## HIGH FREQUENCY CURRENT SENSING TRANSFORMER

### FACTE8B SERIES



#### ELECTRICAL SPECIFICATION

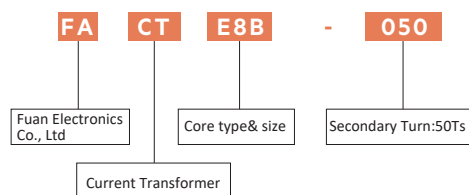
- Temperature Rise Current(Irms):The current when temperature of coil increases up to max.  $\Delta T=40^{\circ}C$ . ( $T_a=20^{\circ}C$ )
- Operating temperature:  $-40^{\circ}C$  to  $+125^{\circ}C$
- L: HP4284A PRECISION LCR METER
- DCR: CHENHWA 502 OHM METER
- Electrical specifications at  $25^{\circ}C$

#### 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



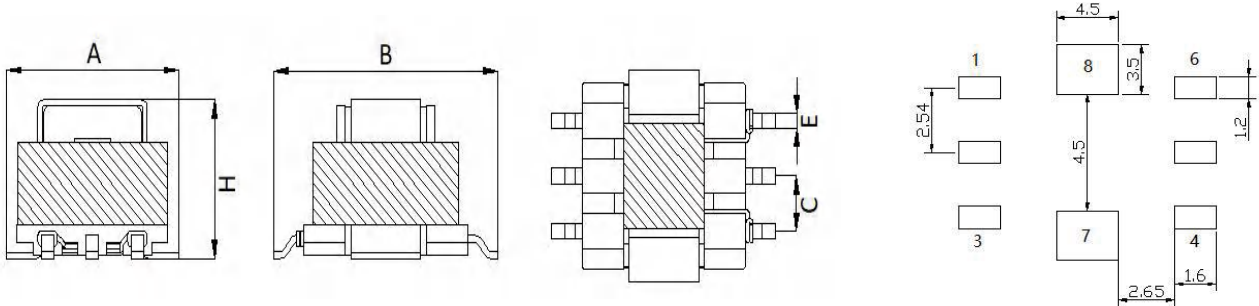
#### ELECTRICAL CHARACTERISTICS FORM

Part Number	Turns ratio sec:pri	Secondary Inductance @100KHZ0.1V (mH)MIN	DCR( $\Omega$ )		Sensed Current(A) (Max)
			Sec Max	Pri Ref	
FACTE8B-050	50:1	1.40	0.65	0.0039	30
FACTE8B-100	100:1	5.60	2.00	0.0039	30
FACTE8B-125	125:1	8.70	5.20	0.0039	30
FACTE8B-150	150:1	12.6	6.50	0.0039	30
FACTE8B-200	200:1	22.0	8.00	0.0039	30

# Product datasheet

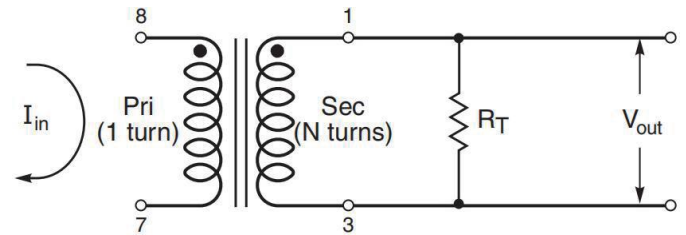
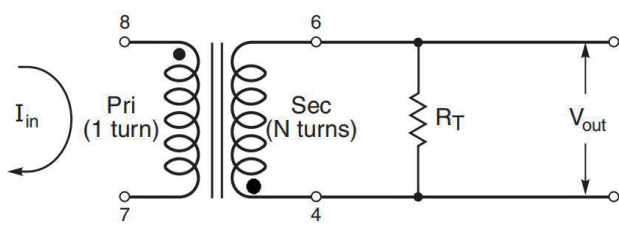
## ELECTRICAL INFORMATION

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

