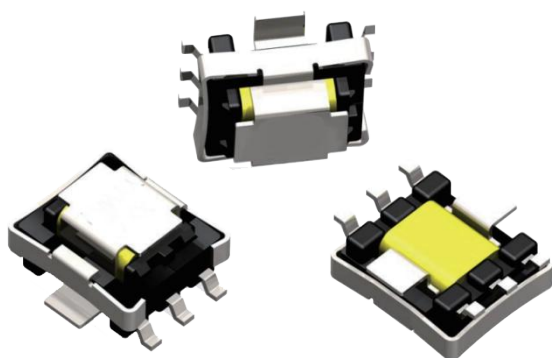


# HIGH FREQUENCY CURRENT SENSING TRANSFORMER

## FACTE6 SERIES



### ELECTRICAL SPECIFICATION

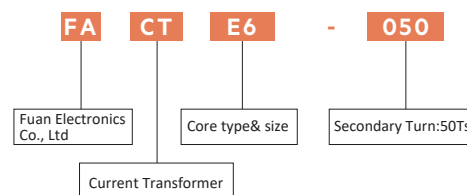
- Temperature Rise Current(Irms):The current when temperature of coil increases up to max.  $\Delta T=40^{\circ}\text{C}$ . ( $T_a=20^{\circ}\text{C}$ )
- Operating temperature:  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$
- L: HP4284A PRECISION LCR METER
- DCR: CHENHWA 502 OHM METER
- Electrical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

### 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



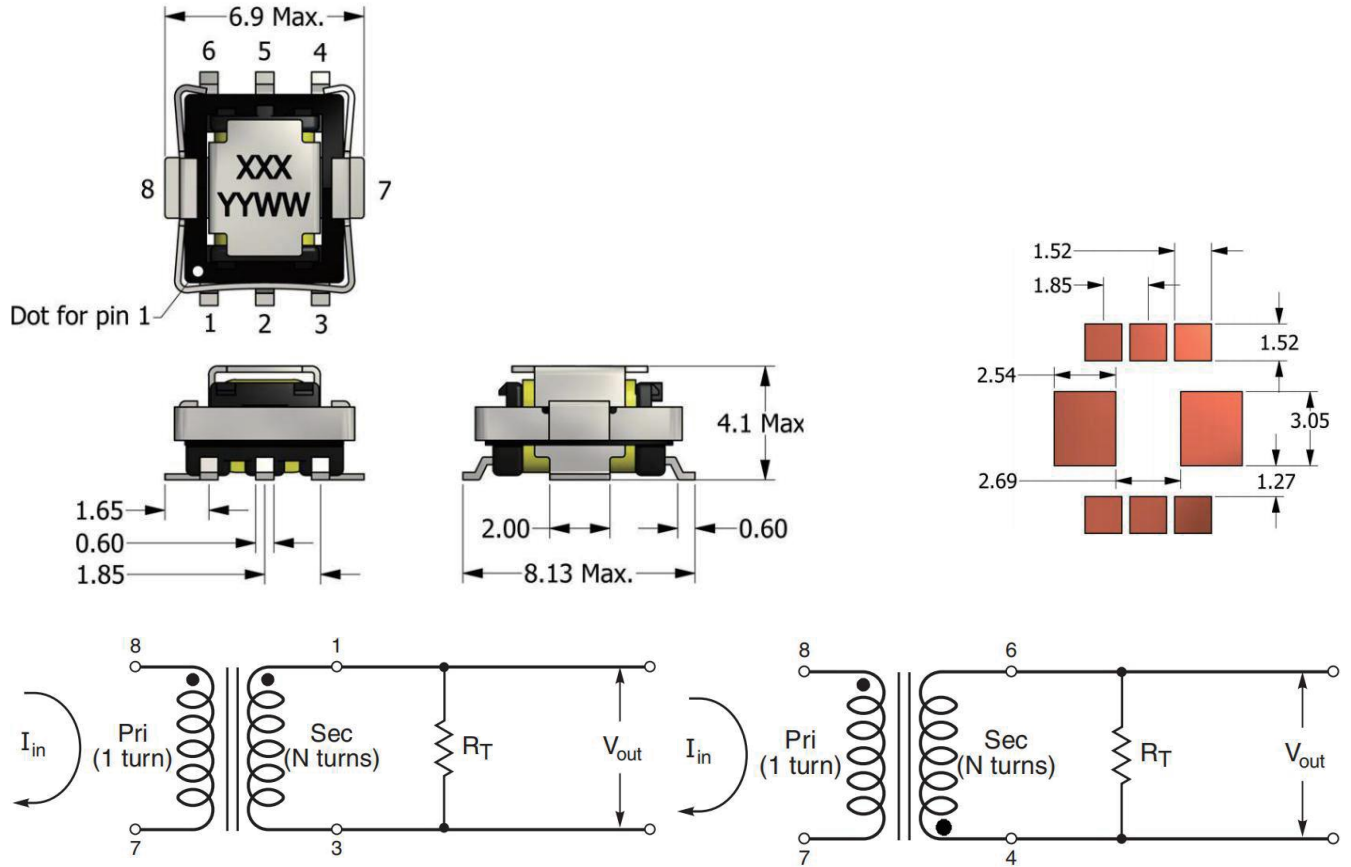
### ELECTRICAL CHARACTERISTICS FORM

Part Number	Turns ratio sec:pri	Secondary Inductance @100KHZ0.1V (uH)MIN	DCR( $\Omega$ )		Sensed Current(A) (Max)
			Sec Max	Pri Ref	
FACTE6-050	50:1	352	0.90	0.0007	20
FACTE6-070	70:1	690	1.70	0.0007	20
FACTE6-100	100:1	1400	3.00	0.0007	20
FACTE6-125	125:1	2200	5.00	0.0007	20

# Product datasheet

## ELECTRICAL INFORMATION

Dimension in mm



## CURRENT VS TEMPERATURE RISE

