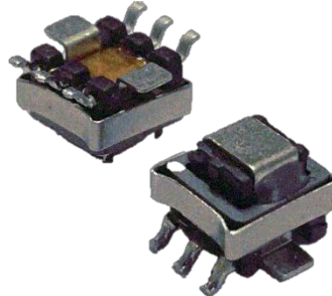


SMTEE5.0 SERIES

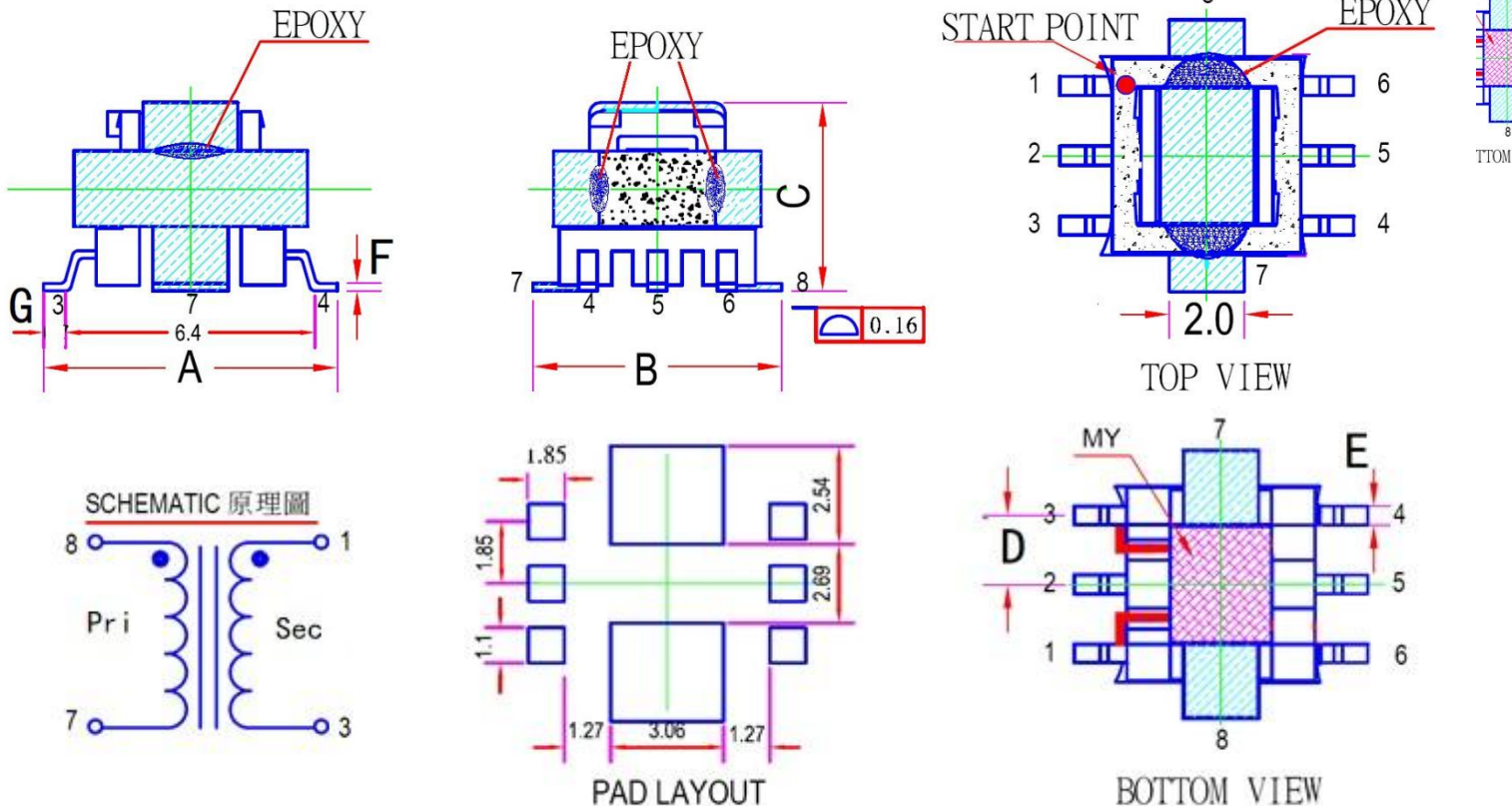
Outgassing Compliant Current Sensors

Applications :

- . Switching power supplies
- . Feedback control.
- . Overload sensing.
- . Load drop/shut down detection.



Shape and Dimensions (Dimensions are in mm) :



Item	A Max.	B Max.	C Max.	D	E	F	G
SMTEE5.0	8.38	8.00	5.5	1.85+0.3	0.6+0.1	0.2	0.7

Features :

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

Product Identification :

SMTEE5.0 – 100T-1T

1 2 3 4

(1) Type : **Surface Mountable Type**.

(2) Style : **EE Core** , **5.0** is size.

(3) Secondary turns : **100T**

(4) The primary turns : 1T

Characteristics :

- 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°C to 125°C .

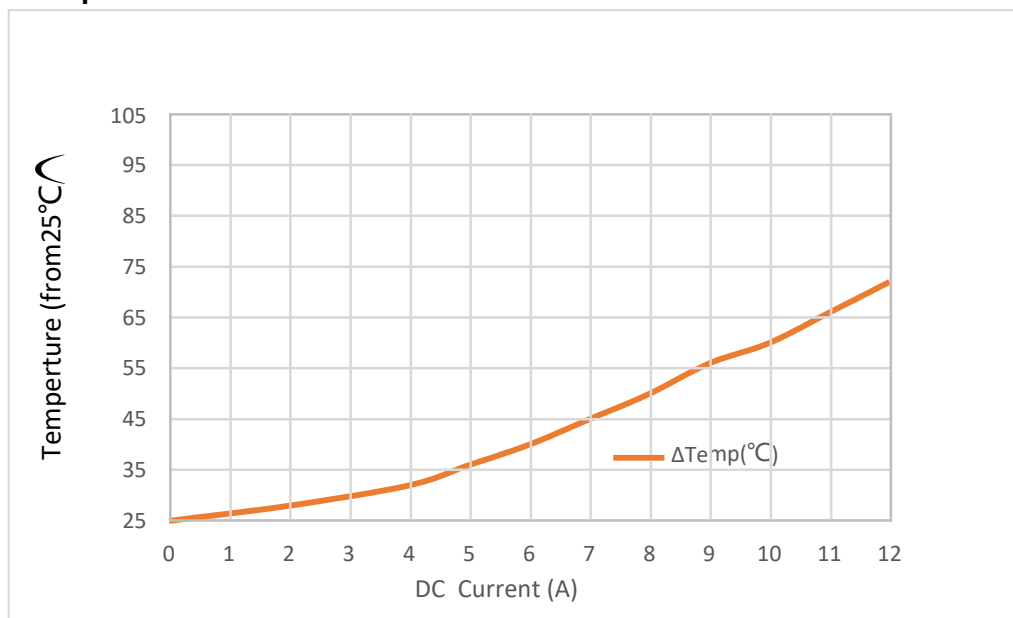
Test equipments :

- L: HP4284A PRECISION LCR METER
- DCR: CHENHWA 502 OHM METER
- Electrical specifications at 25°C .

● **SMTEE5.0 series**

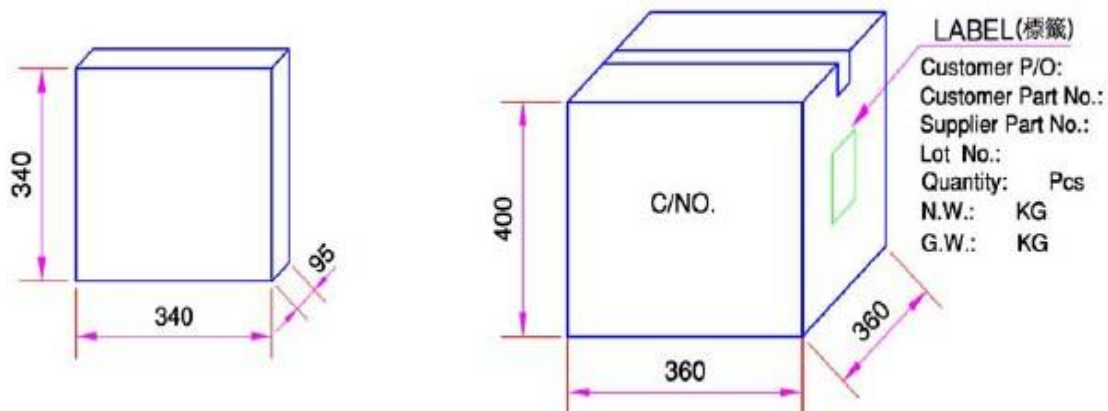
Part No.	Turns ratio sec:pri	Secondary Inductance @100KHZ0.1V (uH)MIN	DCR(Ω)		Primary Current(A) (Max)
			Sec Max	Pri Ref	
SMTEE5.0-20T-1T	20:1	80	0.40	0.0007	10
SMTEE5.0-30T-1T	30:1	180	0.87	0.0007	10
SMTEE5.0-40T-1T	40:1	320	1.14	0.0007	10
SMTEE5.0-50T-1T	50:1	500	1.85	0.0007	10
SMTEE5.0-60T-1T	60:1	730	2.30	0.0007	10
SMTEE5.0-70T-1T	70:1	980	4.75	0.0007	10
SMTEE5.0-100T-1T	100:1	2000	5.50	0.0007	10
SMTEE5.0-125T-1T	125:1	3000	11.50	0.0007	10

● **SMTEE5.0 Temp Rise vs Current**

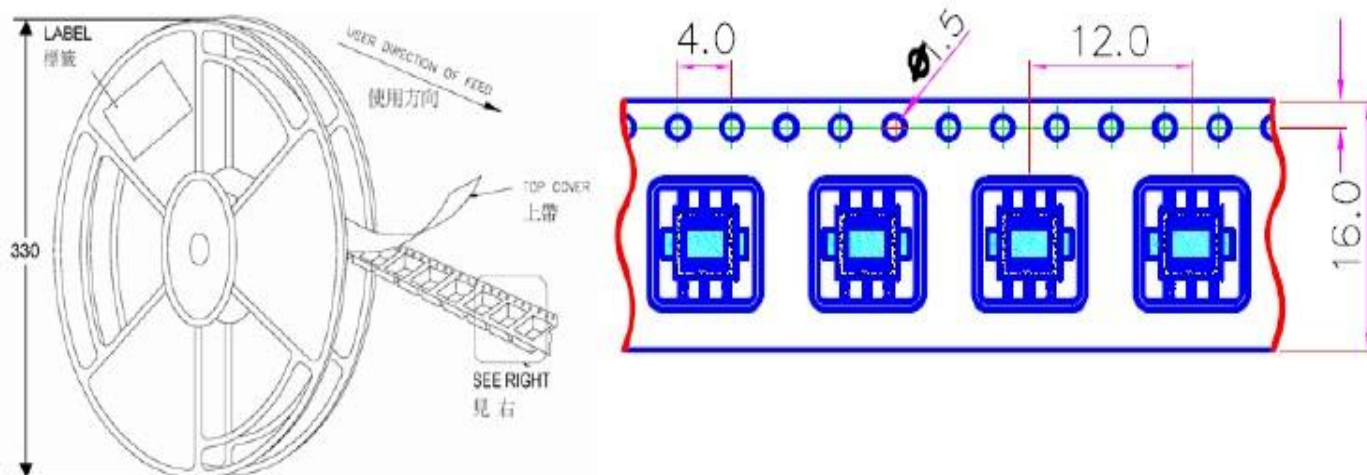


● **SMTEE5.0 Packing Spec:**

OUTSIDE PACKAGING (外包裝要求) DRAW NO.: 5-CT-340934.gif/5-CT-363640.gif



Small carton(內箱): 4,000 pcs; Outer carton(外箱): 16,000 pcs; N.W.(淨重): KG; G.W.(總重): KG
INSIDE PACKAGING (內包裝要求) DRAW NO.: 5-REEL-330MM/SMTEE5.0



Notes of inside packing (內包裝說明): Each reel(每捲): 1,000 pcs;

- 1.TAPE TRAILER 160~200mm (起始空帶160~200mm)
- 2.TAPE LEADER 388~428mm (結尾空帶388~428mm)