



# 产品承认书 SPECIFICATION FOR APPROVAL

客户名称:  
CUSTOMER

我司料号:  
OUR PART NO.

XRPAEE8.3-A1 SERIES

我司品名:  
OUR PART NAME

High Frequency Current Sensing Transformers

送样日期:  
DATE SAMPLES

数量:  
QUANTITY

## 制造确认 MANUFACTURER APPROVE

| 拟制 DRAWN    | 审核 CHECKED | 确认 APPROVED  |
|-------------|------------|--------------|
| Hu Fangting | RaoPing    | LiZhengxiong |

## 客户确认 CUSTOMER APPROVE

客户名称 CUSTOMER NAME:

客户料号 CUSTOMER P/N:

规格型号 DESCRIPTION: XRPAEE8.3-A1 SERIES

检查结果:  合格  不合格

签名及盖章:

INSPECT RESULT ACCEPT REJECT

SIGNATURE AND STAMP

说明 REMARK:

如对本承认书内容有异议请提出或标记发送至我司, 本承认书在未收到异议回复时于本承认书提供一周后生效。

If you have any objection to the contents of this acknowledgment, please raise it or send the mark to us. The acknowledgment will become effective one week after the acknowledgment is provided in the absence of any objection.

东莞市祥如电子有限公司

DONGGUAN XIANGRU ELECTRONICS CO., LTD

Tel: 0769-86346548 Fax: 0769-86346358

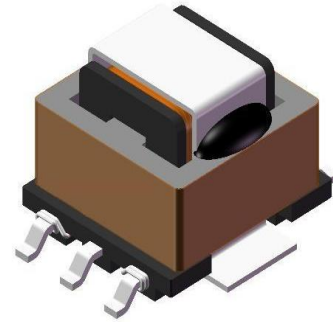
Email: dgxiangru@126.com

**SMTEE8.3-A1 SERIES**

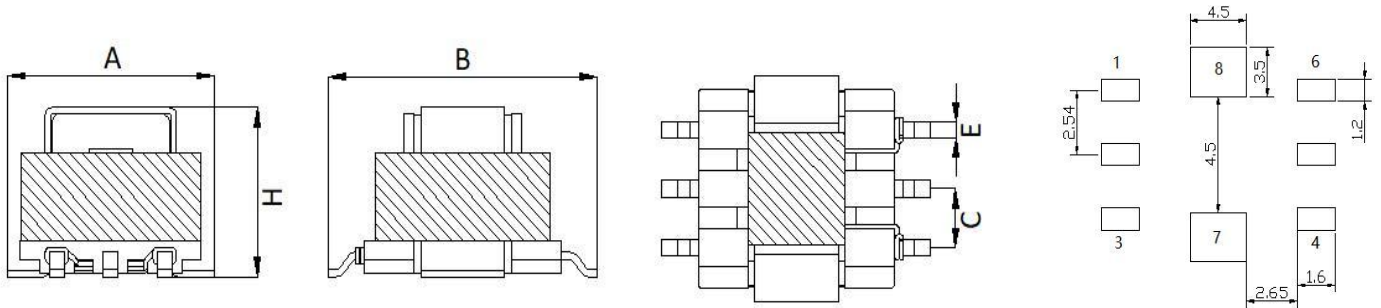
**High Frequency Current Sensing Transformers**

**Applications:**

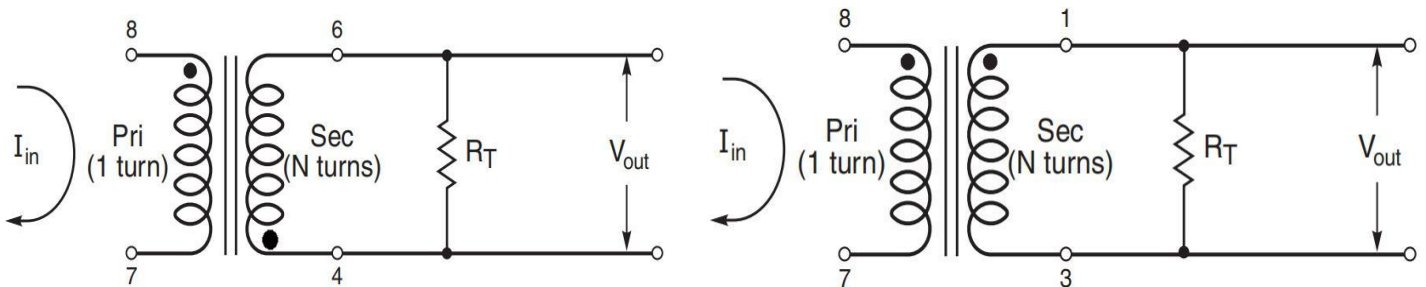
- .Power supply for VTRs.
- .Small surface mount current sensors
- .Sensed current up to 30A; Frequency range up to 1MHz
- .Very low primary DC resistance
- . 1.0KV DC/3mA / 1S isolation (hipot) between windings
- . LCD televisions、 Notebook PCs、 Portable communication equipment、 DC/DC converters,m etc.



**Shape and Dimensions (Dimensions are in mm):**



| Item         | A MAX. | B MAX. | H MAX. | C    | E    | / | / |
|--------------|--------|--------|--------|------|------|---|---|
| XRPAEE8.3-A1 | 9.70   | 12.80  | 7.00   | 2.50 | 1.00 | / | / |



**Features:**

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

**Product Identification :**

XRPAEE8.3-A1-50TNL  
1 2 3 4

- (1) Type: Surface Mountable Type.
- (2) Style:EE Core,8.3 is size.
- (3)The primary turns :A1T
- (4) Secondary turns:50T



# 产品承认书

## SPECIFICATION FOR APPROVAL

**Characteristics:**

- .Temperature Rise Current(Irms):The current when emperature of coil increases up to max.oT=40C.(Ta=20 °C)
- . Operating temperature :-40Cto125C.

**Test equipments:**

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

**SMTEE8.3-A1 series**

| Part No.            | Turns ratio<br>pri: sec: | Secondary Inductance<br>@100KHZ0.1V<br>(mH)MIN | DCR(Ω)  |         | Primary Current (A)<br>(Max) |
|---------------------|--------------------------|--|---------|---------|------------------------------|
|                     |                          |  | Sec Max | Pri Ref |                              |
| XRPAEE8.3-A1-50TNL  | 1:50                     | 0.63   | 0.60    | 0.0039  | 30                           |
| XRPAEE8.3-A1-100TNL | 1:100                    | 2.50   | 3.00    | 0.0039  | 30                           |
| XRPAEE8.3-A1-150TNL | 1:150                    | 5.63   | 5.70    | 0.0039  | 30                           |
| XRPAEE8.3-A1-200TNL | 1:200                    | 10.0   | 10.00   | 0.0039  | 30                           |
| XRPAEE8.3-A1-300TNL | 1:300                    | 22.5   | 25.00   | 0.0039  | 30                           |
|                     |                          |  |         |         |                              |
|                     |                          |  |         |         |                              |
|                     |                          |  |         |         |                              |

**SMTEE8.3-A1 Temp Risevs Current**

