



产品承认书

SPECIFICATION FOR APPROVAL

客户名称:

CUSTOMER

我司料号:

OUR PART NO.

XRPAEE4-B1 Series

我司品名:

OUR PART NAME

SMT CURRENT SENSE 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:

XRPAEE4-B1 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.

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SMTEE4.4-B1 SERIES

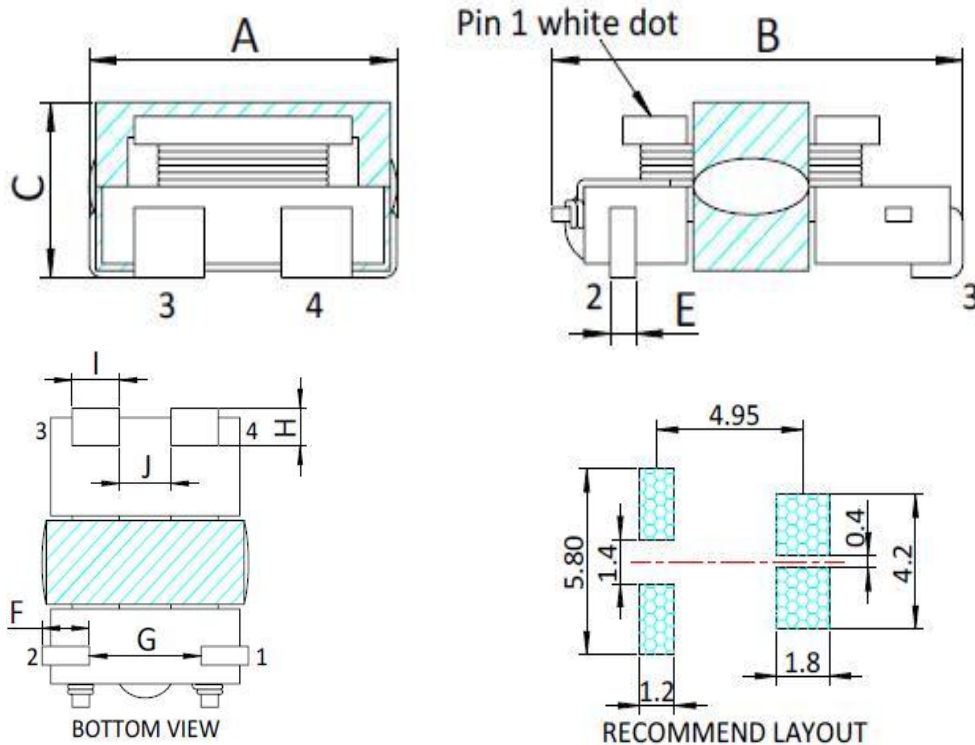
SMT CURRENT SENSE TRANSFORMERS

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.	E	F	G	H	I	J
XRPAEE4-B1	5.40	7.20	3.00	0.4	1.2	2.6	1.2	1.1	1.2

Features:

- .Very low DC resistance.
- .Different turns ratios.
- .Very small package
- .RoHS compatible.
- .500Vrms,one minute isolation(hipot)between windings

Product Identification :

XRPAEE4-B1-20TNL

1 2 3 4

(1) Type: Surface Mountable Type.

(2) Style:EE Core,4.6 is size.

(3)The primary turns :B1T

4) Secondary turns:20T

Sensed Current – primary rated for 20 Amps..

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Characteristics: .Primary current of 9 A causes less than 40°C temperature rise from 25°C ambient. Higher current causes a greater temperature rise . Operating temperature :-40Cto125C. ohmmeter .Storage temperature Component: -40°C to +165°C .Inductance measured between secondary pins at 100KHz,0.1V Vrms,0 Adc	Test equipments: Inductance measured at 0Adc on HP 4284A LCR Meter or equivalent .DCR measured on Chroma 16502 micro-or equivalent. .Electrical specifications at 25°C. Measuring Frequency : XRPAEE4.4 @50KHZ TO 1MHZ
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XRPAEE4-B1 Series

Part No.	Turns ratio pri: sec:	Secondary Inductance @100KHZ0.1V (mH) MIN	DCR (Ω)		Sensed Current (A) (Max)
			Sec Max	Pri Ref	
XRPAEE4-B1-20TNL	1:20	0.053	0.42	0.0015	9
XRPAEE4-B1-50TNL	1:50	0.333	2.76	0.0015	9
XRPAEE4-B1-70TNL	1:70	0.652	5.04	0.0015	9
XRPAEE4-B1-100TNL	1:100	1.330	10.68	0.0015	9
XRPAEE4-B1-150TNL	1:150	2.993	22.30	0.0015	9

XRPAEE4-B1 Temp Rise vs Current :

