



产品承认书

SPECIFICATION FOR APPROVAL

客户名称:
CUSTOMER

我司料号:
OUR PART NO.

XRPAEE4.6-1-100TNL

我司品名:
OUR PART NAME

Outgassing Compliant Current Sensors

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: XRPAEE4.6-1-100TNL

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

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修订记录 Revision record

[illegible]

XRPAEE4.6 SERIES

AEC-Q200 Grade 1 qualified (-40°C to +125°C ambient)

Small surface mount current sensors

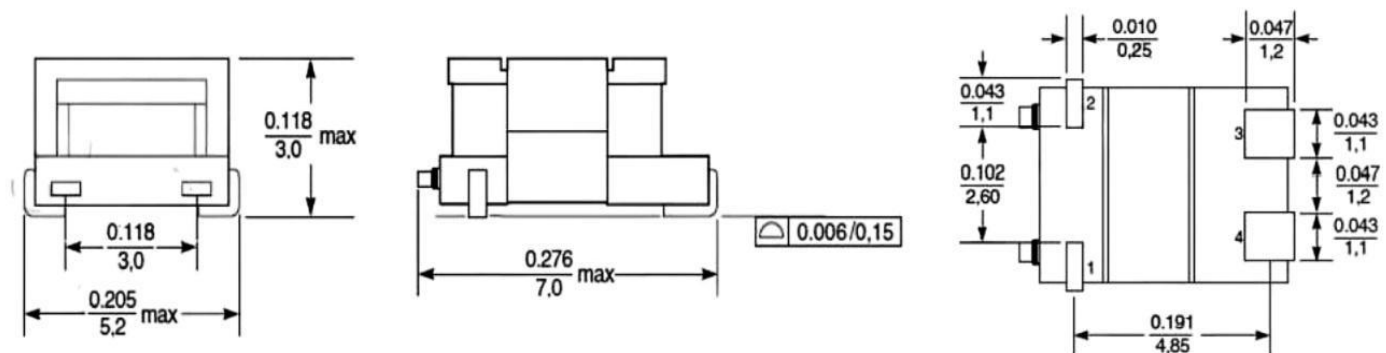
Sensed current up to 20 A; Frequency range up to 1 MHz

Very low primary DC resistance

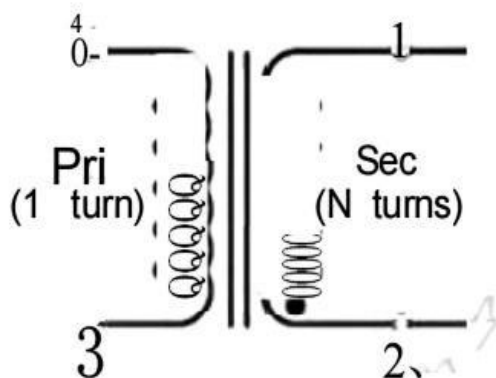
1500 Vrms, one minute isolation (hipot) between windings

Can also be used in 48 V vehicle electrical systems

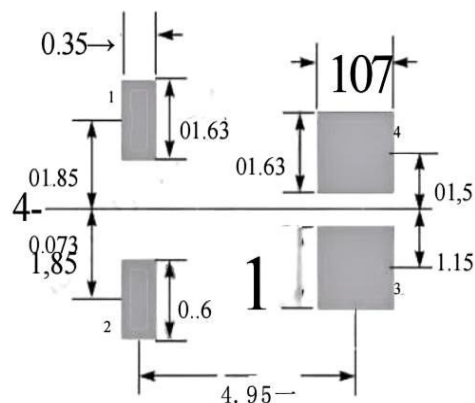
1. Dimensions mm:



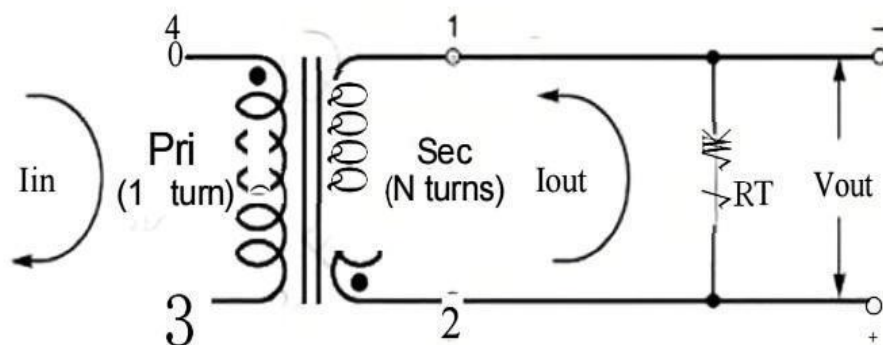
2. Schematic:



3. Recommended Land Pattern:



4. Typical Circuit:



XRPAEE4.6 SERIES

Electrical Specifications @25℃—Operating Temperature-40℃ to+125℃

Part No.	Turns Ration	Current Rating _{2NP} ,(A)	Secondary Inductance (mH MIN)	DCR(Ω typ)		Hipot (VDC)
				Primary (4-3)	Secondary (1-2)	Np-Ns
XRPAEE4.6-1-100TNL	1:100	20	1.330	0.0015	10.68	1500V

Inductance measured between secondary pins at 100 kHz,0.1Vrms,

Core material Ferrite

Terminations RoHS compliant tin-silver over tin over nickel over phos bronze

Weight 0.16g

Ambient temperature-40℃ to+125℃

Maximum part temperature+165℃(ambient+temp rise)

Storage temperature Component:-40℃to+125℃.Tape and reel packaging:-40℃ to+80℃

Resistance to soldering heat Max three 40 second reflows at+260℃,parts cooled to room temperature between cycles

Moisture Sensitivity Level(MSL) 1(unlimited floor life at<30℃/85%relative humidit

6.Temperature Rise vs Current:

