



产品承认书 SPECIFICATION FOR APPROVAL

客户名称:

CUSTOMER

我司料号:

OUR PART NO.

XR1-TC1-1-13M+

我司品名:

OUR PART NAME

RF Balun Transformer

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:

XR1-TC1-1-13M+ 50Ω

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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客户名称 CUSTOMER		日期 DATE	2025/11/19
客户物料编号 CUSTOMER P/N		客户规格型号 DESCRIPTION	XR1-TC1-1-13M+ 50Ω
我司物料编号 OUR PART NO	XR1-TC1-1-13M+	我司品名 OUR PART NAME	RF Balun Transformer

修订记录 Revision record

[illegible]

RF Balun Transformer, 1: 1 Transmission Line Transformer 3-3000MHz

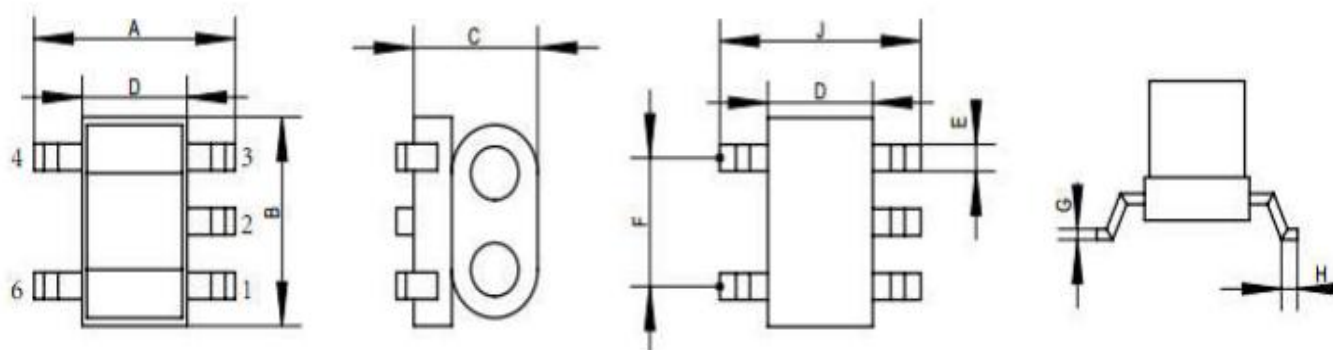
Applications:

.For broadband and wireless communications

.For VHF/UHF receivers/transmitters and push-pull amplifiers



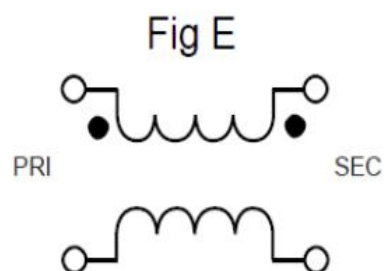
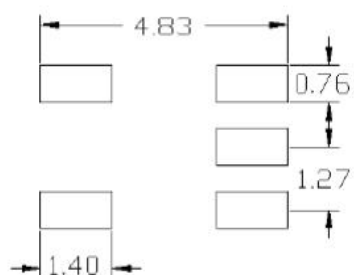
Dimension Diagram (Unit:mm) :



A	B	C	D	E	F	G	H
4.1±0.2	5.0±0.2	4.3±0.2	2.2±0.2	0.5±0.1	2.54±0.1	0.25±0.1	0.3±0.1

Electrical structure:

Recommended layout (Unit:mm) :



Pin configuration :

Pin no.	Function
1	Secondary (Output 2)
2	Secondary dot (Output 1)
3	Primary dot (Input)
6	Primary (Ground)

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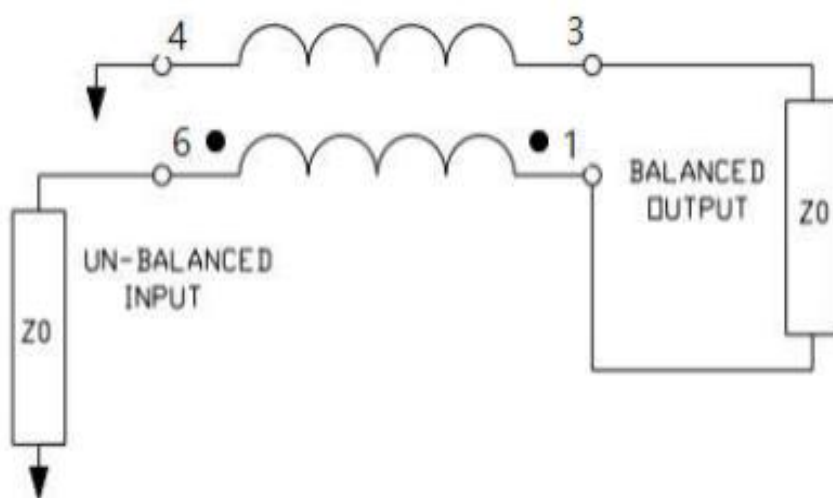
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Features:

- ◆1: 1 Impedance
- ◆75Ω Impedance
- ◆Frequency: 3to 3000 MHz
- ◆RF power: 0.25W
- ◆DC current: 30mA
- ◆Operating temperature range: -40℃ to +85℃
- ◆Storage temperature range: -55℃ to +100℃



Application circuit :



Electrical Specifications:TA=25℃, 0dBm, Z0=50Ω

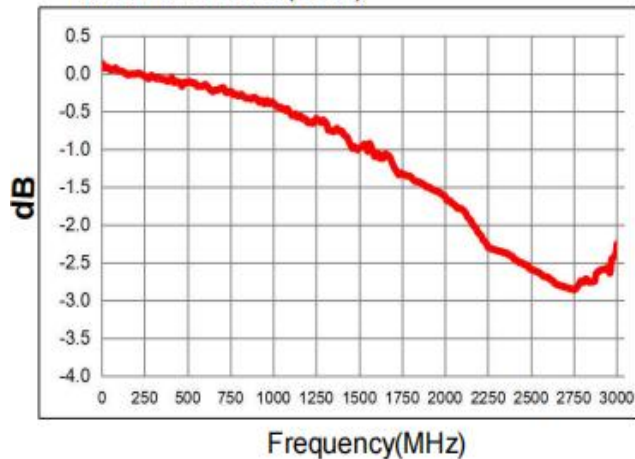
Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	4.5-3000MHz	dB	/	1.5	3.5
Main line Loss(out2)	4.5-3000MHz	dB	/	0.7	3.5
Amplitude Balance	4.5-3000MHz	dB	/	±0.5	±1.0
Phase Balance	4.5-3000MHz	Degrees	/	±5.7	±10
Input Return Loss	4.5-3000MHz	dB	9.0	15.0	/

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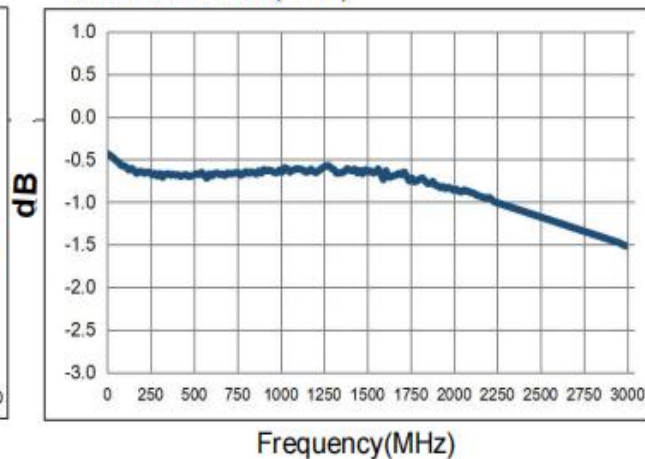
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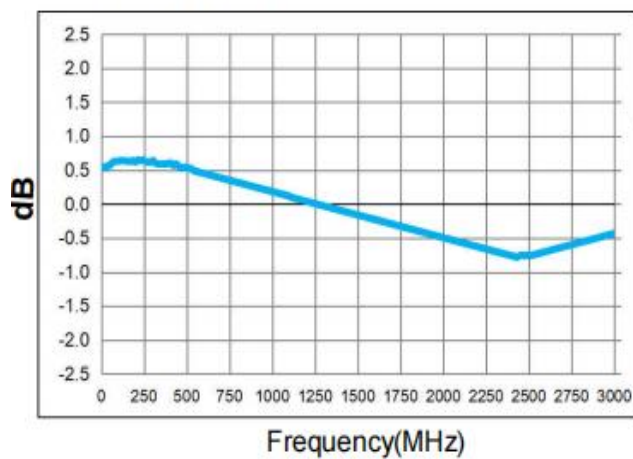
Main line Loss(out1)



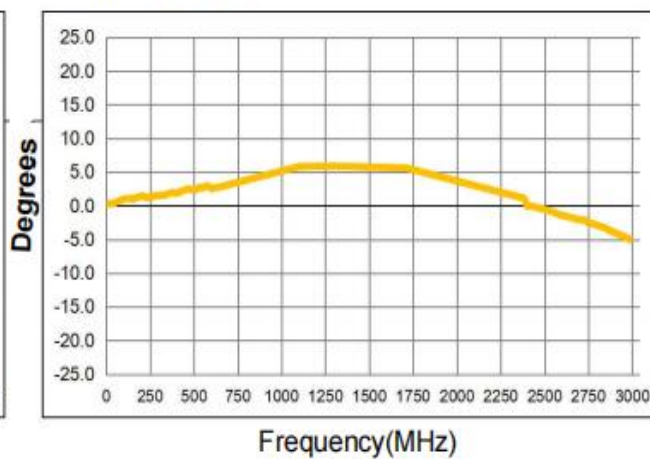
Main line Loss(out2)



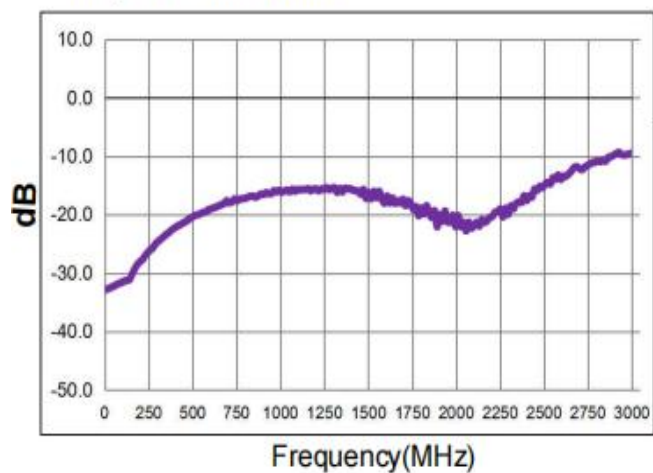
Amplitude Balance



Phase Balance

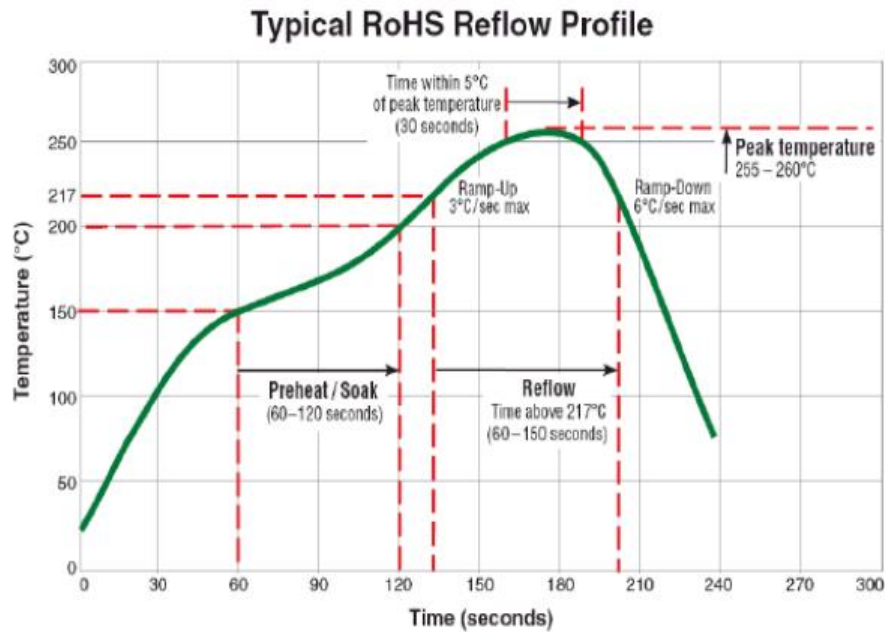


Input Return Loss

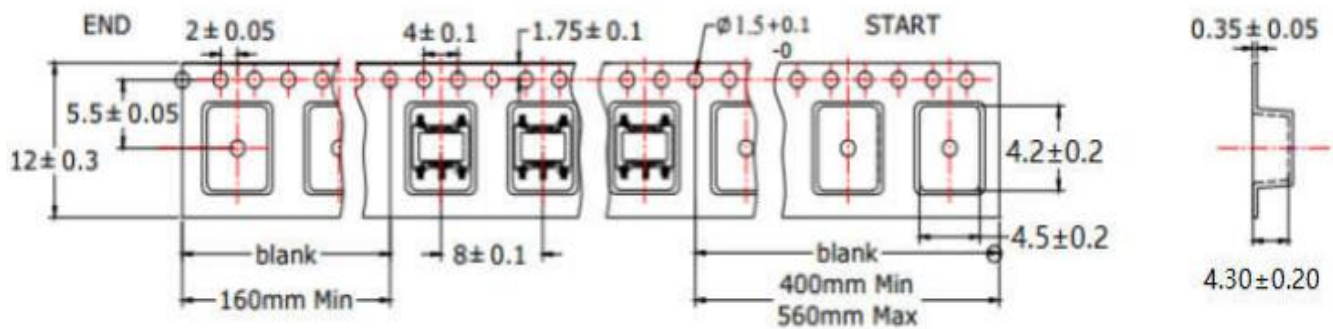


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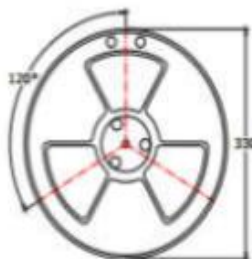
Recommended Soldering Temperature Graph:



Packing Dimension For Caeier Tape(UNIT:mm):



QUANTITY
2000PCS/Reel
4 Reels/Middle Carton Middle Carton:
4 Middle Cartons/Big Carton
32000PCS/ Big Carton



SPEC	8	12	16	24
DIM A±0.1	8.5	12.5	16.5	24.5
DIM B±0.1	2.3	2.3	2.3	2.3
DIM C±0.1	100	100	100	100

