



产品承认书 SPECIFICATION FOR APPROVAL

客户名称:

CUSTOMER

我司料号:

OUR PART NO.

XR2-ETC1-1-13TR

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:

XR2-ETC1-1-13TR 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.

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

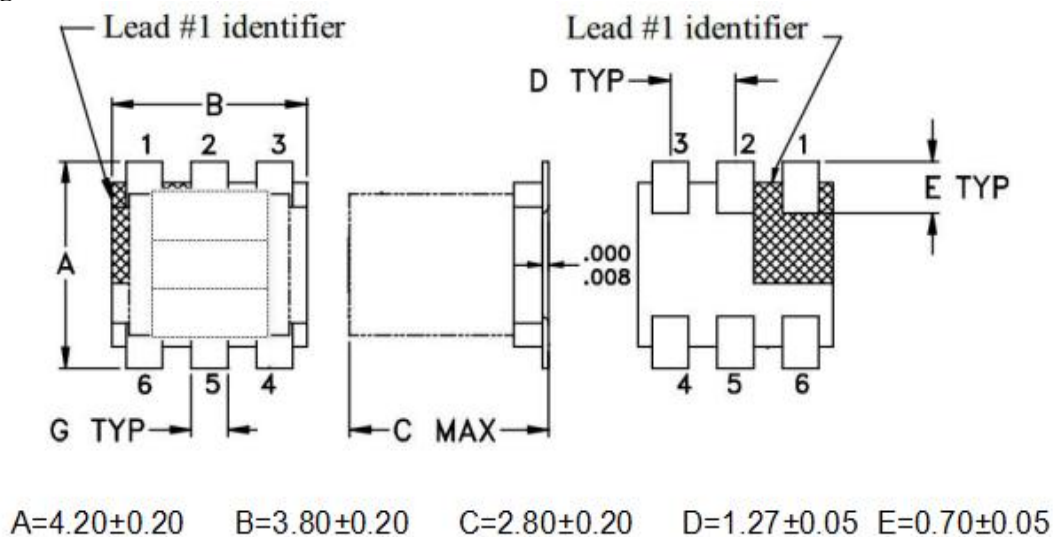
1: 1 Transmission Line Transformer 5-4000 MHz

Applications:

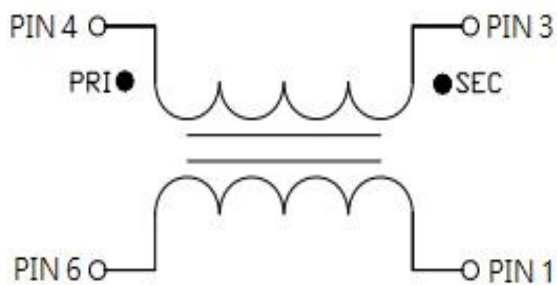
- ◆ For broadband and wireless communications
- ◆ For VHF/UHF receivers/transmitters and push- pull amplifiers



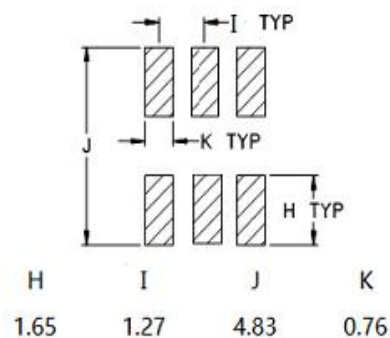
Dimension Diagram (Unit:mm) :



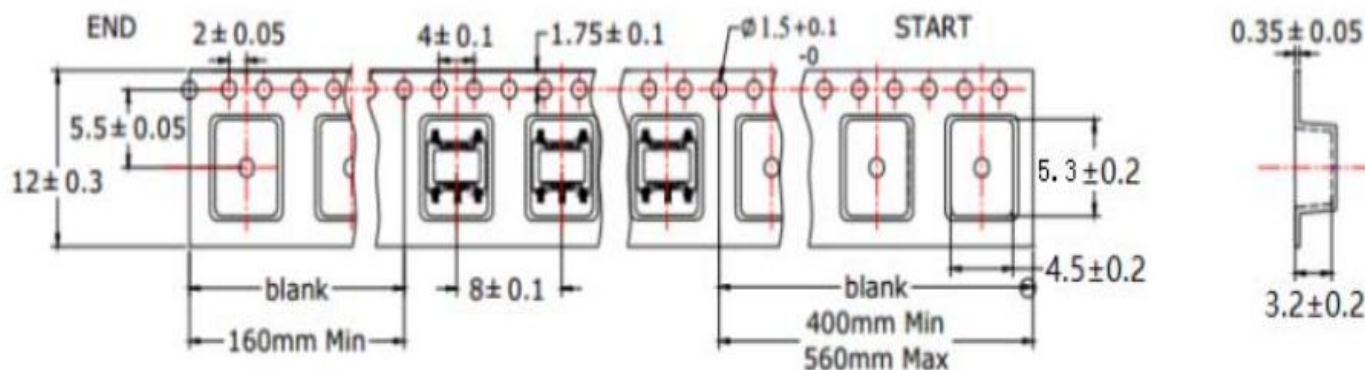
Electrical structure:



Recommended layer



Packging Dimension For Caeier Tape(UNIT:mm):



Features:

- ◆1: 1CT Impedance
- ◆50Ω Characteristic Impedance
- ◆Frequency: 5to4000 MHz
- ◆RF power: 0.25W
- ◆DC current: 30mA
- ◆Operating temperature range: - 40℃ to +85℃
- ◆Storage temperature range: - 55℃ to +100℃



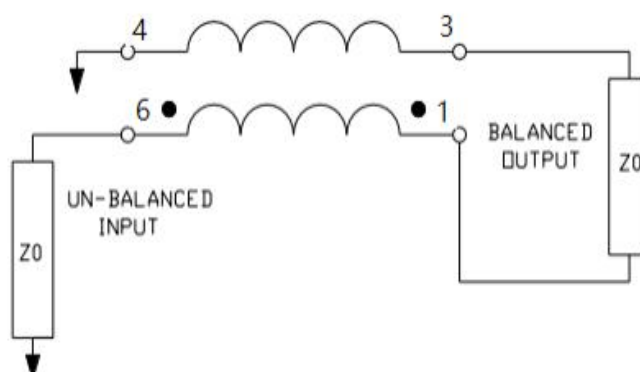
Electrical Specifications: TA=25℃ Zo=50Ω

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (out1)	5-4000MHz	dB	/	2.0	4.0
Main line Loss (out2)	5-4000MHz	dB	/	1.5	3.0
Amplitude Balance	5-4000MHz	dB	/	2.0	3.0
Phase Balance	5-4000MHz	Degrees	/	15.0	30.0
Input Return Loss	5-4000MHz	dB	5.0	18.0	/

Pin configuration:

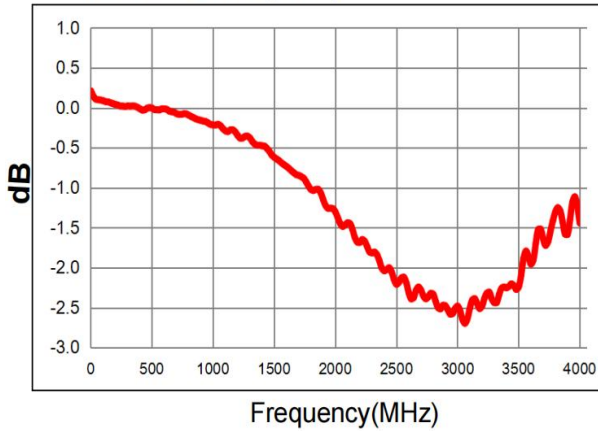
Pin no.	Function
1	Secondary dot (Output 1)
2	Not connected
3	Secondary (Output 2)
4	Primary(Ground)
6	Primary dot (Input)

Application circuit :

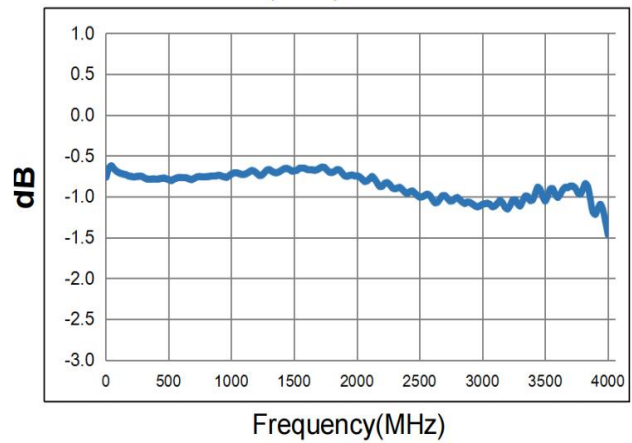


1: 1 Transmission Line Transformer 5- 4000 MHz

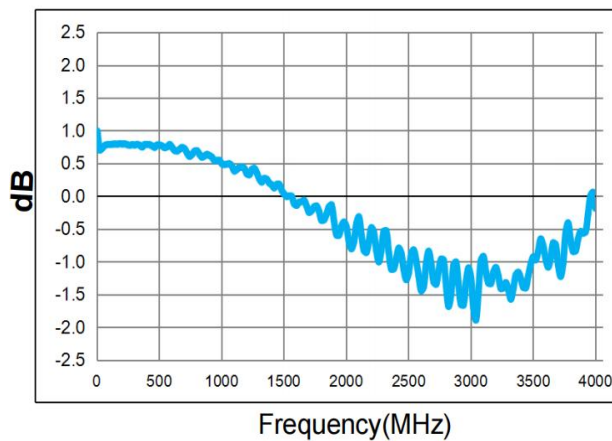
Main line Loss(out1)



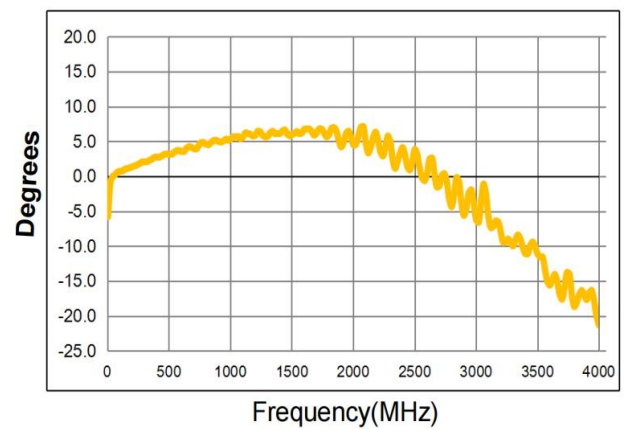
Main line Loss(out2)



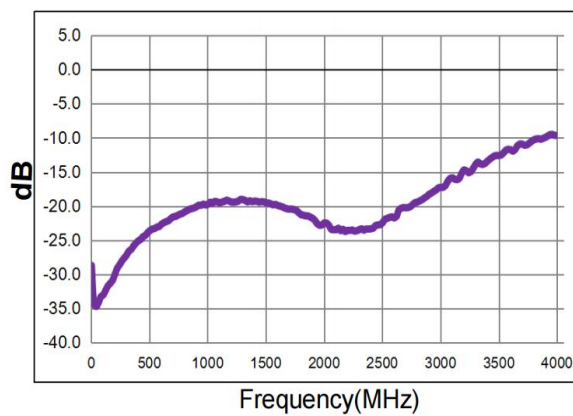
Amplitude Balance



Phase Balance



Input Return Loss



Recommended Soldering Temperature Graph:

Typical RoHS Reflow Profile

