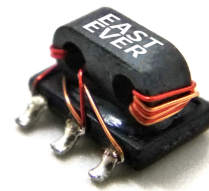


RF Balun Transformer

EBL0386-B010942

2025-07-11 Rev. 1

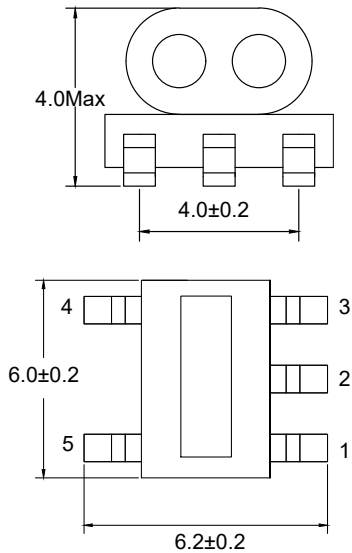


50Ω 1:1 Transmission Line Transformer

5-1000 MHz

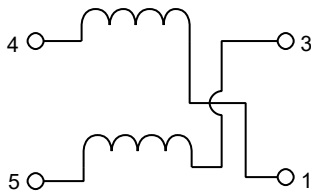
east-ever.com

Outline Drawing(mm)

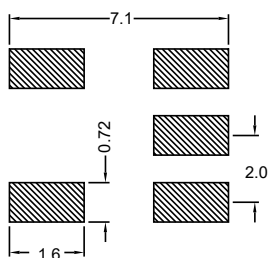


Electrical structure

Fig L



Recommended layout(mm)



Pin Connections

Input	4
Output 1	3
Output 2	1
Ground	5
NOT USED	2

Features

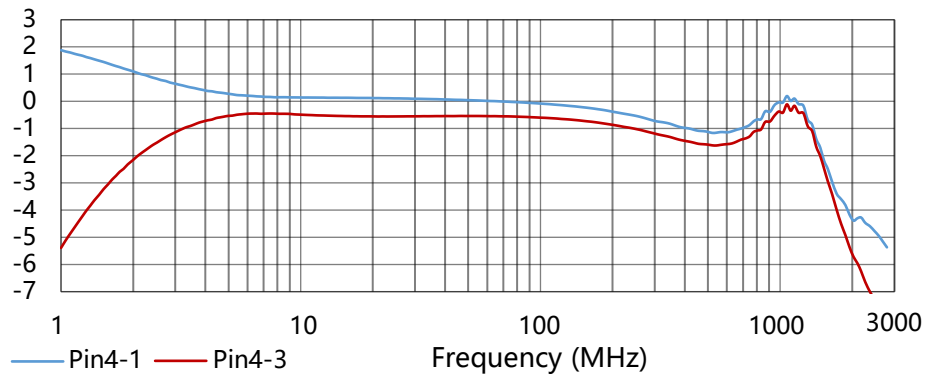
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +100°C
- 260°C Reflow Compatible
- RoHS Compliant and Lead free
- Input Power: 0.25W Max
- DC Current: 30mA Max

Applications

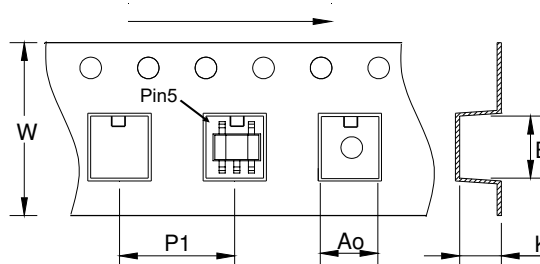
- For Motorola Walkie-talkie.
- For Car Streaming Media Rearview Mirror.
- For Broadband and Wireless Communications.
- For Wireless Microphone & Marine Communications.
- For Ideally Suited LTE, Cellular, UMTS, WiFi, WiMAX.
- For Differential Modulator/demodulator and Active Mixers.

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

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(Pin4-3)	5-1000MHz	dB	—	1.0	1.5
Main line Loss(Pin4-1)	5-1000MHz	dB	—	1.5	2.0



Carrier Tape Orientation



Tape & Reel Information

Parameter	Units	Value
Qty per reel	PCS	1000
Reel Size	mm	330
Tape Width	mm	16.00
Pitch	mm	12.00
Ao	mm	7.20
Bo	mm	7.50
Ko	mm	4.60