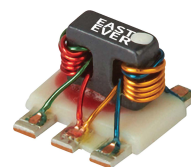


RF Balun Transformer

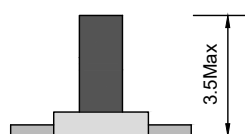
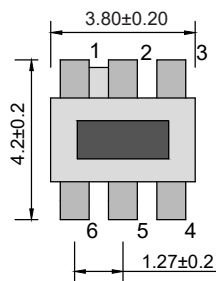
EBL2722-A012B74

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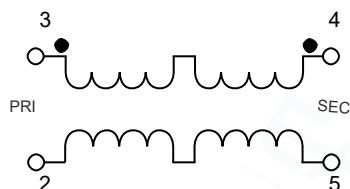
1:2 Transmission Line Transformer 400-7200 MHz

Outline Drawing(mm)

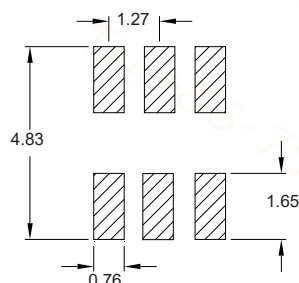


Electrical Structure

Fig L



Recommended Layout(mm)



Pin Connections

Input	3
Output 1	5
Output 2	4
Ground	1, 2
Not Used	6

Features

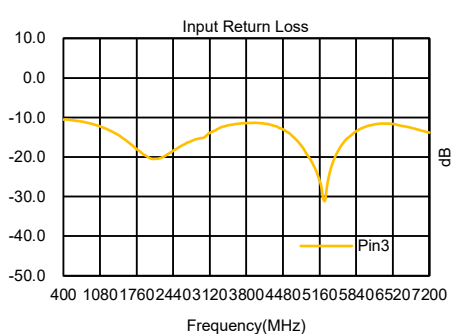
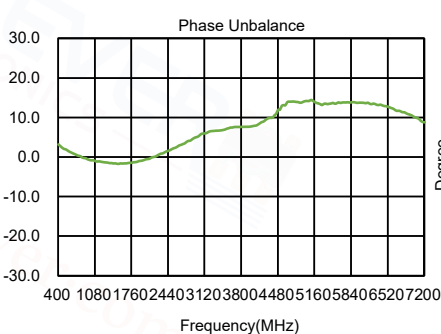
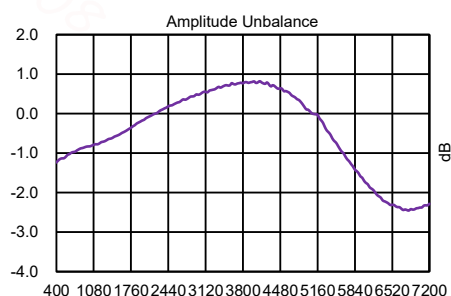
- RF Power, 0.2W Max
- DC current: 30mA Max
- 260°C Reflow Compatible
- RoHS compliant and lead free
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +100°C

Applications

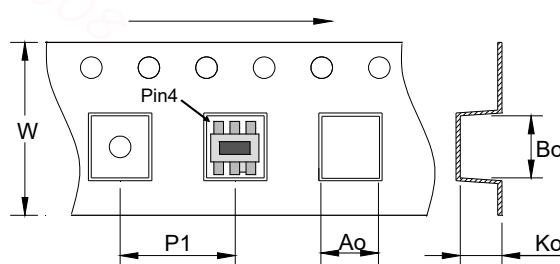
- For Motorola Walkie-talkie.
- For Car Streaming Media Rearview Mirror.
- For Broadband and Wireless Communications.
- For Wireless Microphone & Marine Communications.
- For Ideally Suited LTE, Cellular, UMTS, WiFi, WiMAX.
- For Differential Modulator/demodulator and Active Mixers.

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

Parameter	Test Condition	Units	Min	Typ	Max
Main line Loss	400-4300MHz 4300-7200MHz	dB	—	1.0 2.2	2.0 3.5
Amplitude Unbalance	400-4300MHz 4300-7200MHz	dB	—	0.5 1.9	2.0 3.2
Phase Unbalance	400-4300MHz 4300-7200MHz	°	—	4.0 10.0	10.0 —
Input Return Loss(Pin3)	400-4300MHz 4300-7200MHz	dB	—	13.0 10.0	—



Carrier Tape Orientation



Tape & Reel Information

Parameter	Units	Value
Qty per reel	PCS	2000
Reel Size	mm	330
Tape Width	mm	12.00
Pitch	mm	8.00
Ao	mm	4.3
Bo	mm	4.2
Ko	mm	3.5

