

RF Balun Transformer

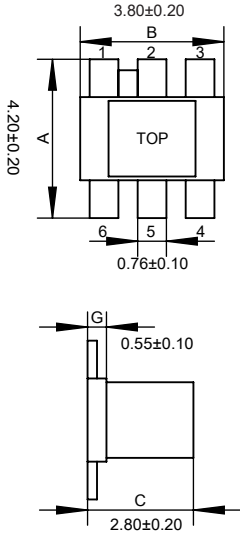
EBG1-63-C012544

2020-01-11 Rev. 0

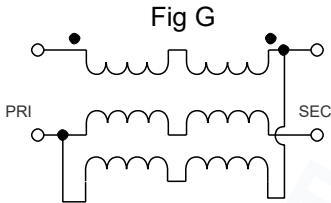


50Ω 1:1 Transmission Line Transformer 10-6000 MHz

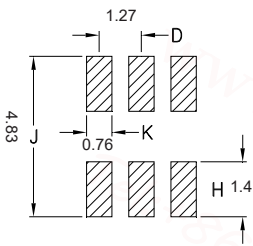
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

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

Features

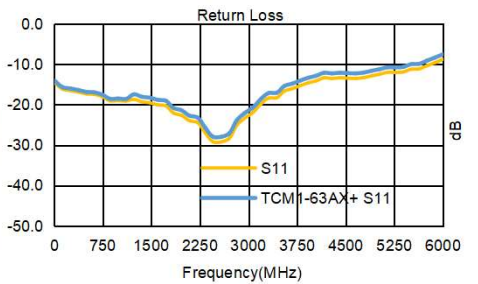
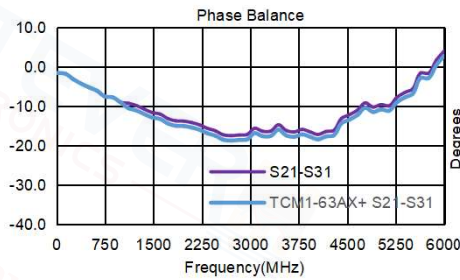
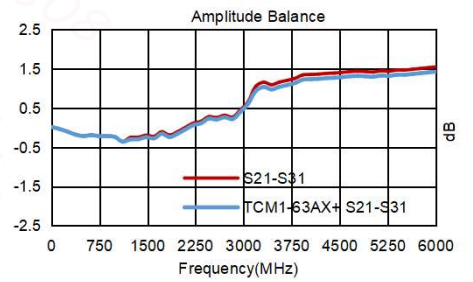
- Operating temperature range: -40 C to +85 C
- Storage temperature range: -55 C to +100 C

Applications

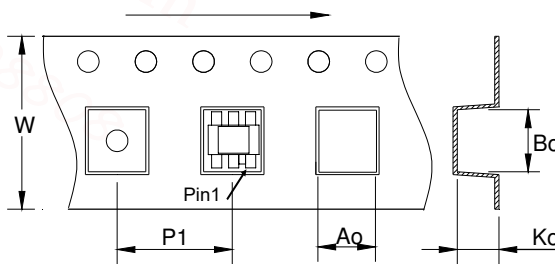
- Impedance matchin
- Balanced amplifie
- Balun
- Cellula and VHF

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

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (Pin4-3)	10-6000MHz	dB	—	1.0	3.0
Amplitude Balance	10-6000MHz	dB	0.0	1.5	3.0
Phase Balance	10-6000MHz	°	0.0	15.0	30.0
Input Return Loss(Pin4)	10-6000MHz	dB	8.0	16.0	—



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	12.00
Ao	mm	4.50
Bo	mm	4.50
Ko	mm	3.20