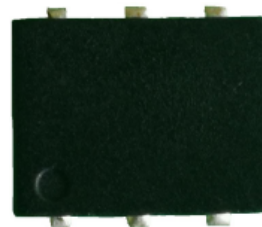


Wideband Transformer

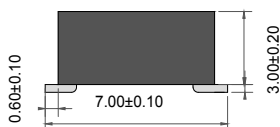
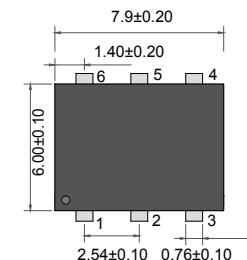
EBA0408-G035392

2019-11-22 Rev. 0

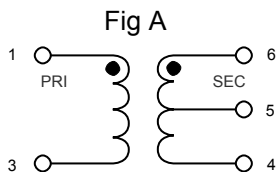


1:4 50Ω:200Ω 0.15-500 MHz

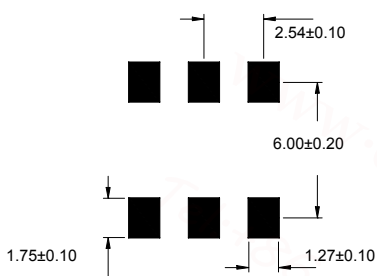
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

Pin no.	Function
1	Primary Dot
3	Primary
4	Secondary
5	Not Used
6	Secondary Dot

Features

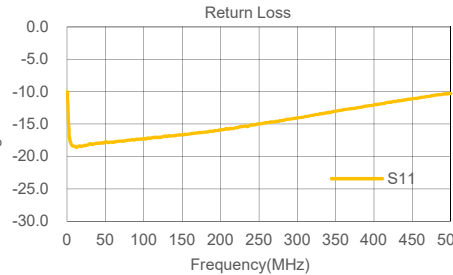
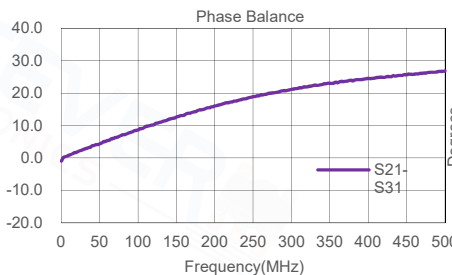
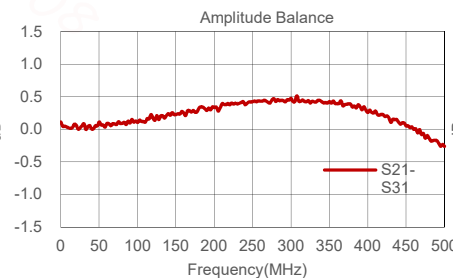
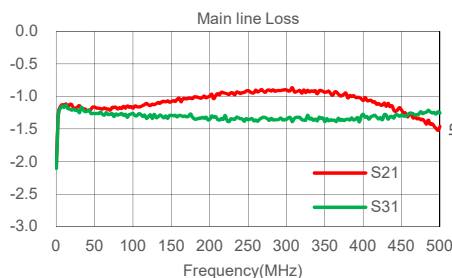
- Excellent Temperature Stability
- RoHS Compliant and Pb Free
- 260°C Reflow Compatible
- Power Input(as a splitter): 0.5W Max
- DC current: 500mA
- Operating temperature range: -40 C to +85 C
- Storage temperature range: -55 C to +100 C

Applications

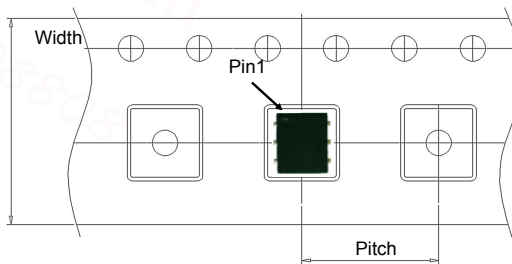
- RF circuits
- Mobile radio
- Satellite TV
- Cordless phones

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

Parameter	Test Conditions	Units	Min	Typ	Max
Insertion Loss 1(Pin1-6)	0.15-500MHz	dB	—	1.0	3.0
Insertion Loss 1(Pin1-4)	0.15-500MHz	dB	—	1.3	3.0
Amplitude Balance	0.15-500MHz	dB	0.0	0.5	1.0
Phase Balance	0.15-500MHz	°	0.0	20.0	40.0
Return Loss(Pin1)	0.15-500MHz	dB	8.0	17.0	—



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	7.30
Bo	mm	8.30
Ko	mm	3.20