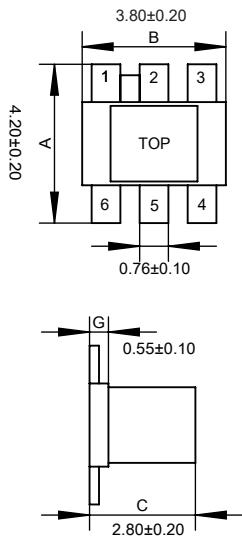
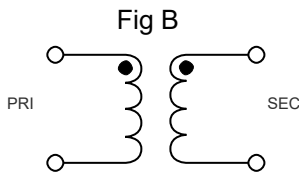


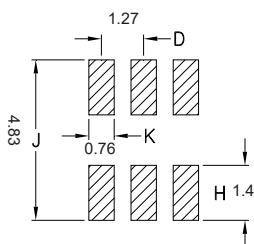
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

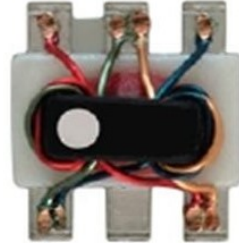
Input	6
Output 1	1
Output 2	3
Ground	4
Not Used	2, 5

Features

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

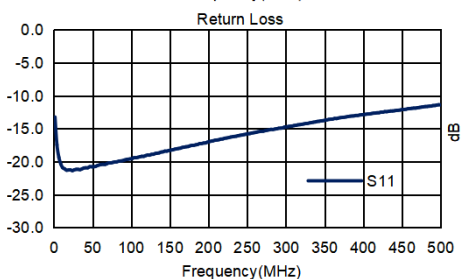
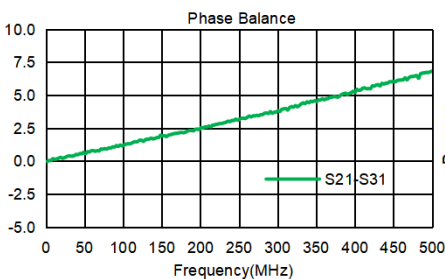
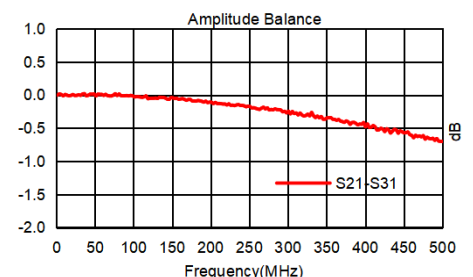
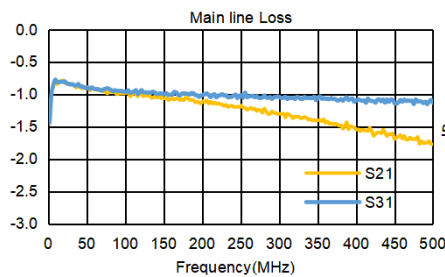
Applications

- Impedance matching
- Balanced amplifier
- Balun
- Cellular and VHF

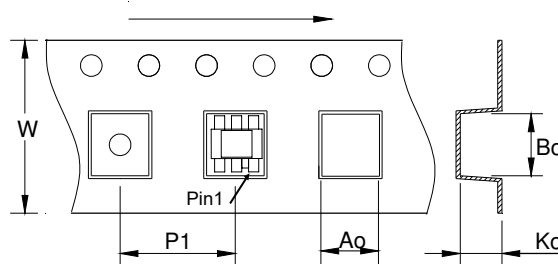


Electrical Specifications: TA=25°C, 0dBm, Z0=50Ω

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (Pin6-1)	1.5-500MHz	dB	—	1.5	2.5
Main line Loss (Pin6-3)	1.5-500MHz	dB	—	1.2	2.0
Amplitude Balance	1.5-500MHz	dB	0.0	0.8	1.5
Phase Balance	1.5-500MHz	°	0.0	5.0	15.0
Input Return Loss(Pin6)	1.5-500MHz	dB	8.0	12.0	—



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