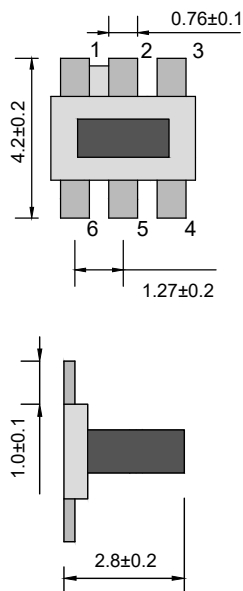
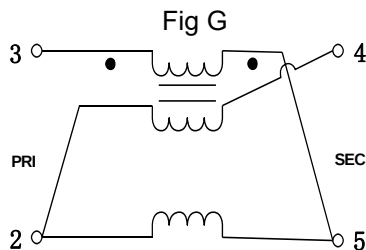


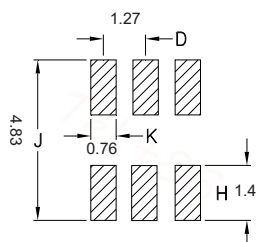
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

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

Features

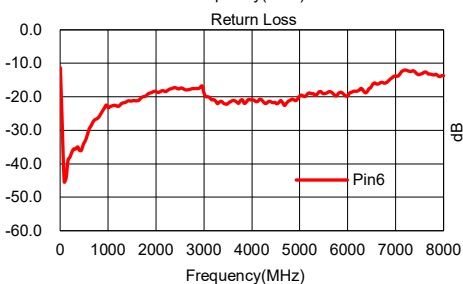
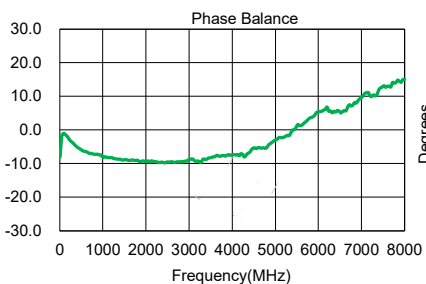
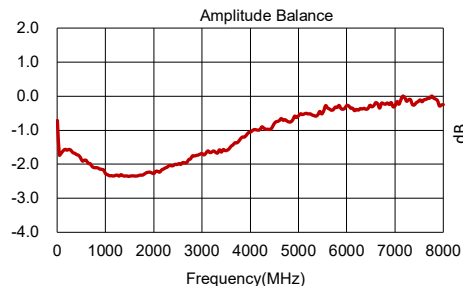
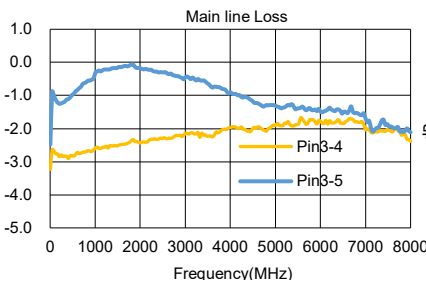
- Operating temperature range: -40℃ to +85℃
- Storage temperature range: -55℃ to +100℃
- 260℃ Reflow Compatible
- RoHS compliant and lead free
- Input Power: 200mW
- DC Current: 30mA

Applications

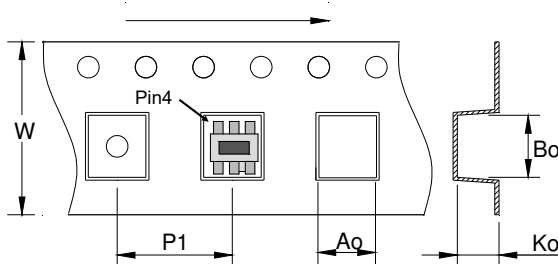
- Impedance matching
- Balanced amplifier
- Balun
- Cellular and VHF

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

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (Pin3-4)	10-8000MHz	dB	—	2.0	3.0
Main line Loss (Pin3-5)	10-8000MHz	dB	—	2.5	3.0
Amplitude Balance	10-8000MHz	dB	0.0	1.5	2.5
Phase Balance	10-8000MHz	°	0.0	10.0	30.0
Input Return Loss(Pin3)	10-8000MHz	dB	10.0	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	8.00
Ao	mm	4.30
Bo	mm	4.30
Ko	mm	3.00