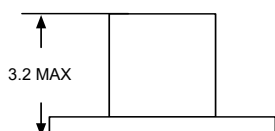
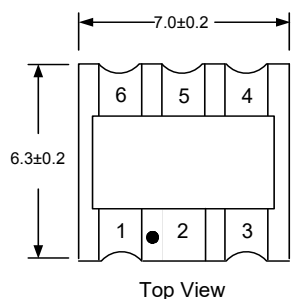
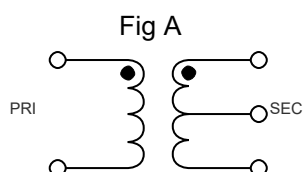


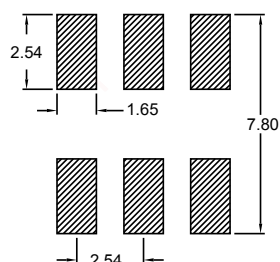
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

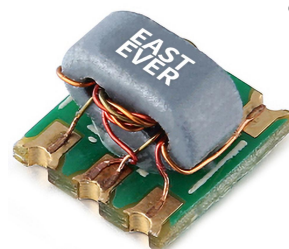
Input	6
Output 1	3
Output 2	1
Ground	2,4

Features

- Operating temperature range: -40 °C to +85 °C
- Storage temperature range: -55 °C to +100 °C
- 260°C Reflow Compatible
- RoHS compliant and lead free
- Input Power: 500mW
- DC Current: 30mA

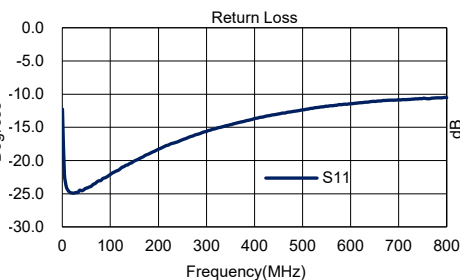
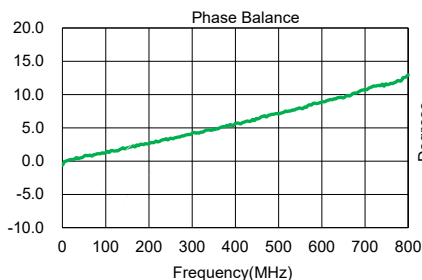
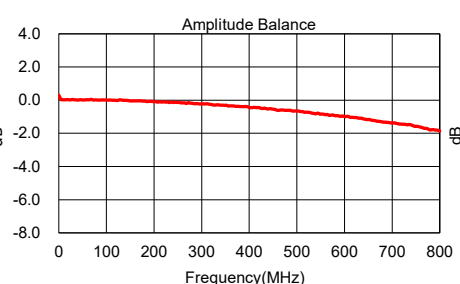
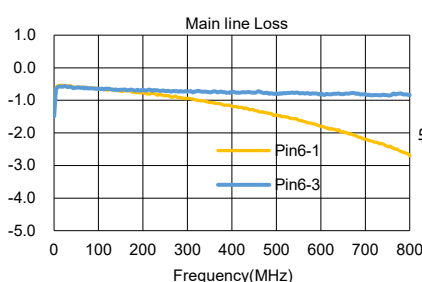
Applications

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

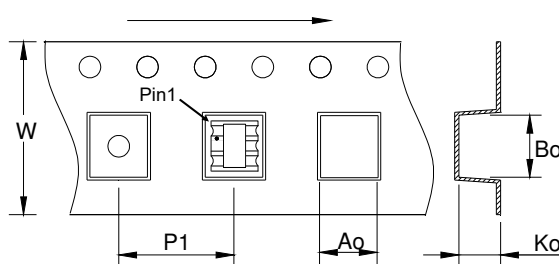


Electrical Specifications:TA=25 °C, 0dBm, Z0=75Ω

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (Pin6-1)	0.3-800MHz	dB	—	2.5	3.0
Main line Loss (Pin6-3)	0.3-800MHz	dB	—	0.8	1.5
Amplitude Balance	0.3-800MHz	dB	0.0	1.8	2.5
Phase Balance	0.3-800MHz	°	0.0	10.0	18.0
Input Return Loss(Pin6)	0.3-800MHz	dB	6.0	10.0	—



Carrier Tape Orientation



Tape & Reel Information

Parameter	Units	Value
Qty per reel	PCS	1500
Reel Size	mm	330
Tape Width	mm	16.00
Pitch	mm	12.00
Ao	mm	7.20
Bo	mm	8.10
Ko	mm	4.20