

Features:

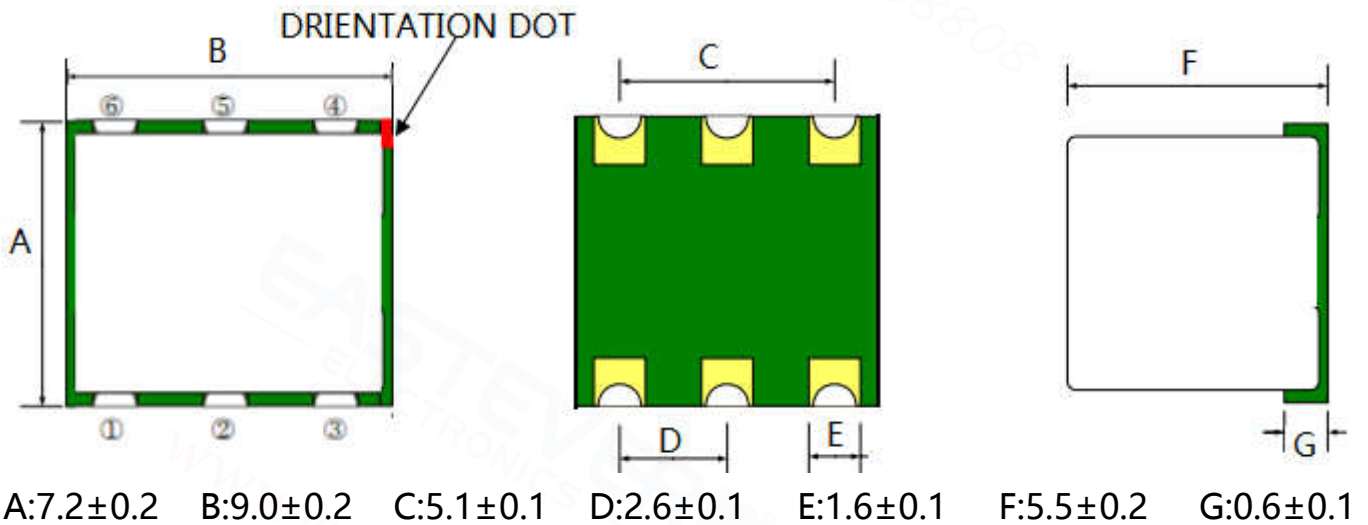
- ◆ RF power: 0.50W
- ◆ DC current: 30mA
- ◆ Operating temperature range: -20°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C



Applications:

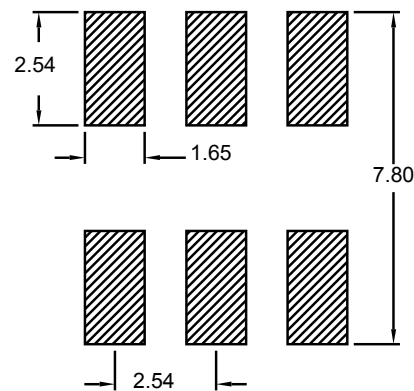
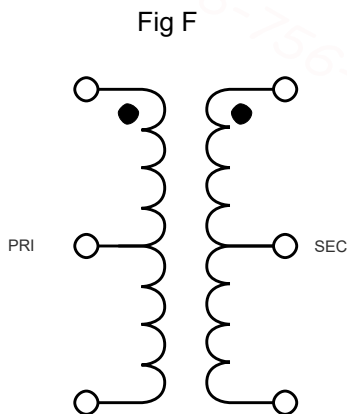
- ◆ For Motorola Walkie-talkie.
- ◆ For Car Streaming Media Rearview Mirror.
- ◆ For Broadband and Wireless Communications.
- ◆ For Wireless Microphone & Marine Communications.
- ◆ For Ideally Suited LTE, Cellular, UMTS, WiFi, WiMAX.
- ◆ For Differential Modulator/demodulator and Active Mixers.

Dimension Diagram (Unit:mm) :



Electrical structure:

Recommended layout:



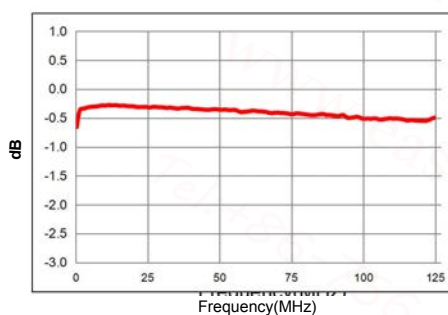
Pin configuration:

Pin No.	Function
1	Output2
2	Ground
3	Output1
4	Input
6	Ground

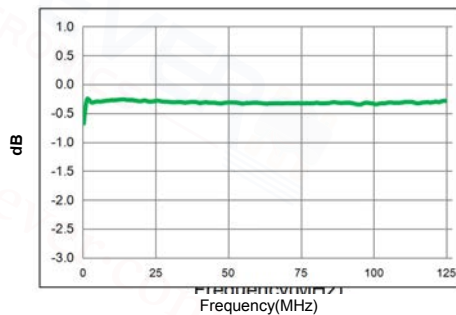
Electrical Specifications: TA=25°C, 0dBm,Z0=50Ω:

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss(out1)	0.3-125MHz	dB	—	0.5	1.0
Main line Loss(out2)	0.3-125MHz	dB	—	0.3	1.0
Amplitude Balance	0.3-125MHz	dB	—	0.2	±0.5
Phase Balance	0.3-125MHz	Degrees	—	0.1	±5.0
Input Return Loss	0.3-125MHz	dB	10.0	28.0	—

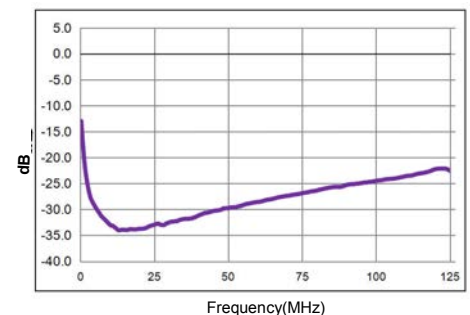
Main line Loss(out1)



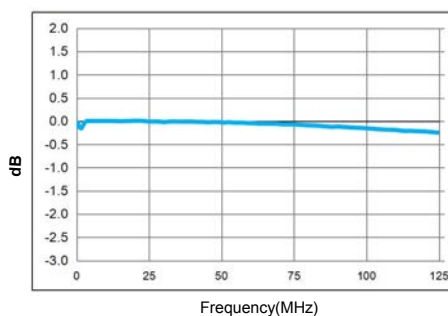
Main line Loss(out2)



Input Return Loss



Amplitude Balance



Phase Balance

