

Features

- Multilayer monolithic construction yields high reliability
- Low insertion loss and small size SMD chip design
- Can simplify your complex tuning and circuit design
- LTCC process
- Isolation resistor, external 100 ohms

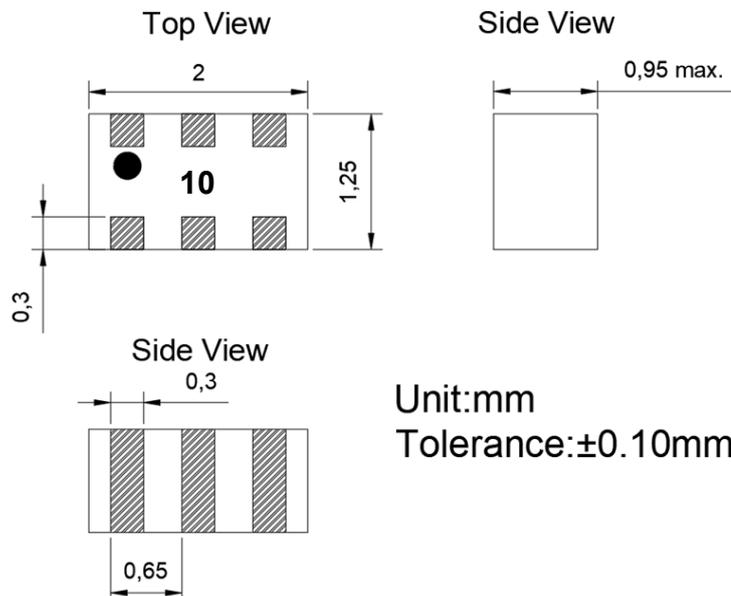
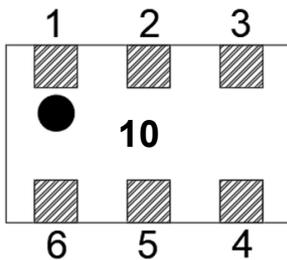
Specifications

NO.	Items	Spec	Typ.	Unit
1	Frequency range	80~120	80~120	MHz
2	Insertion Loss, above 3.0 dB	1.0 max.	0.67	dB
3	Isolation.	10 min.	14.5	dB
4	Phase Unbalance	3 max.	1	°
5	Amplitude Unbalance	0.3 max.	0.1	dB
6	Return Loss (Input)	10 min.	10.5	dB
7	Return Loss (Output)	10 min.	12.5	dB

Operating & Storage Condition (Component)
 Operation Temperature Range: -40°C ~ +85°C
 Storage Temperature Range: -40°C ~ +85°C

Storage Condition before Soldering (Included packaging material)
 Storage Temperature Range: +5 ~ +40 °C
 Humidity: 30 to 70% relative humidity

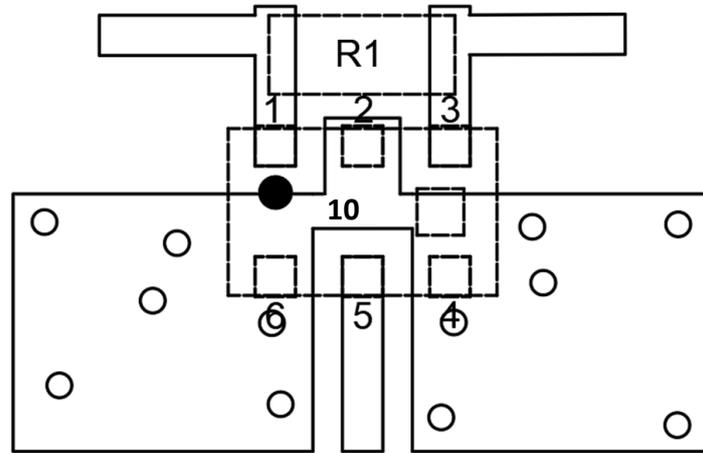
Construction & Dimensions



SUM PORT	5
PORT 1	1
PORT 1	3
GND	2、4、6
1-3	resistor external 100 ohms

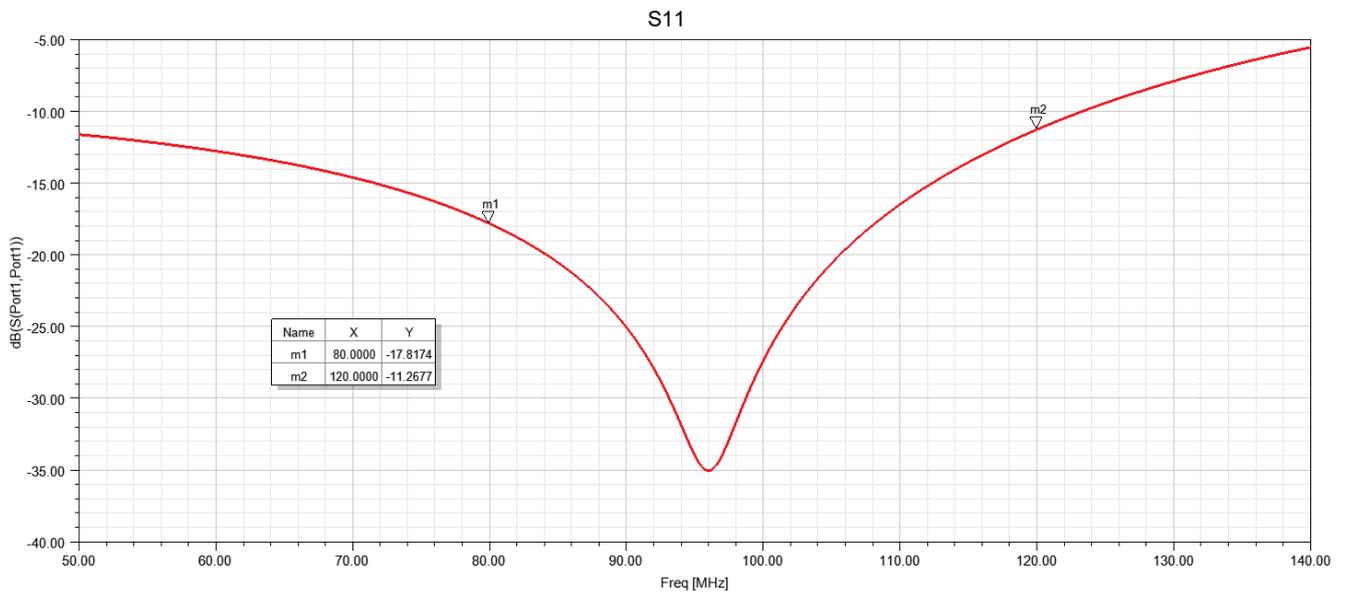
Unit:mm
Tolerance:±0.10mm

Mounting Considerations

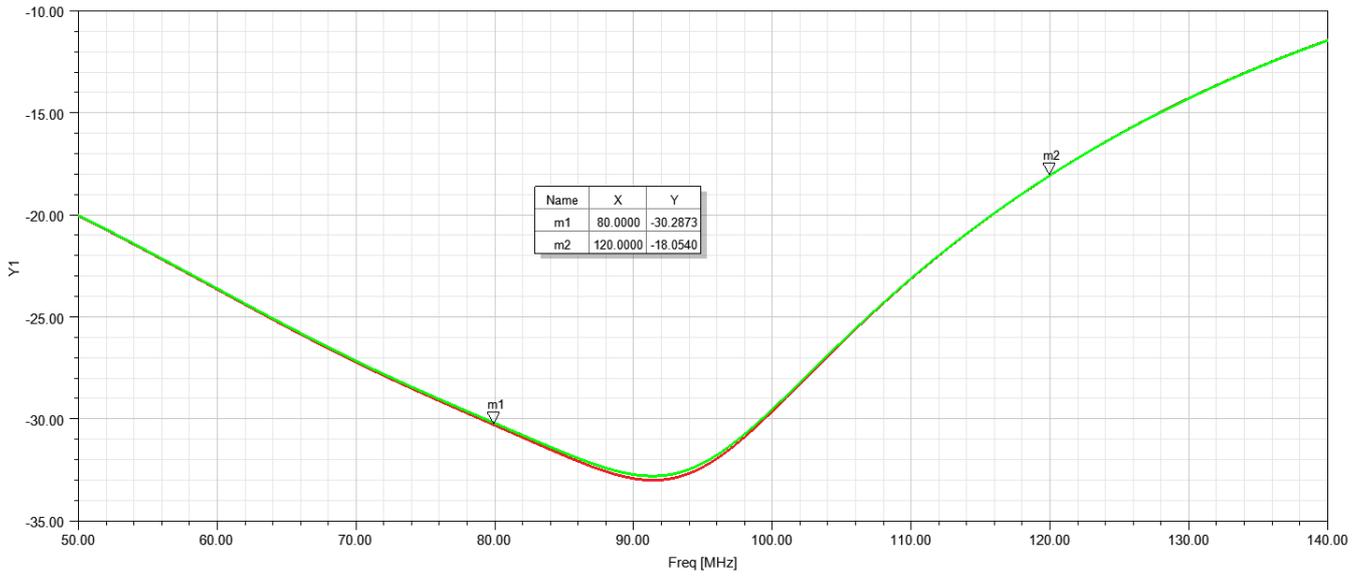


R1:100Ω,0402 Size

Typical Electrical Characteristics (T=25°C)



S22&S33



Isolation

