

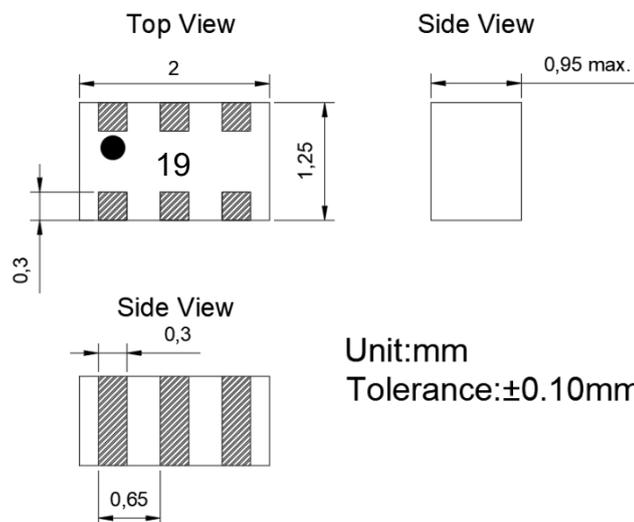
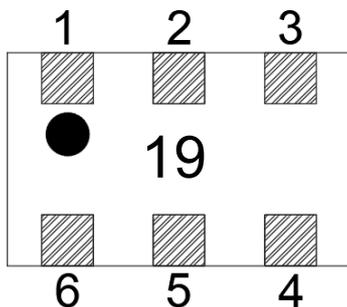
### Features

- 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	80~300	80~300	MHz
2	Insertion Loss, above 3.0 dB	0.8 max.	0.5	dB
3	Isolation.	5 min. @ 80-155MHz	6	dB
		10 min. @ 155-300Mhz	10	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
<b>Operating &amp; Storage Condition (Component)</b>				
Operation Temperature Range: -40°C ~ +85°C				
Storage Temperature Range: -40°C ~ +85°C				
<b>Storage Condition before Soldering (Included packaging material)</b>				
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

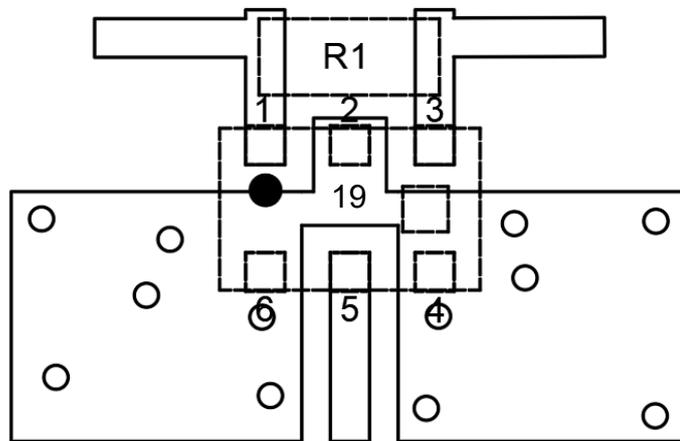
### Yantel Corporation

Add: No.308-322,3F,Building 1,Juchuang Jingu Innovation Park,Wenyuan Road 35,Xili Street,Nanshan,Shenzhen,China

Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

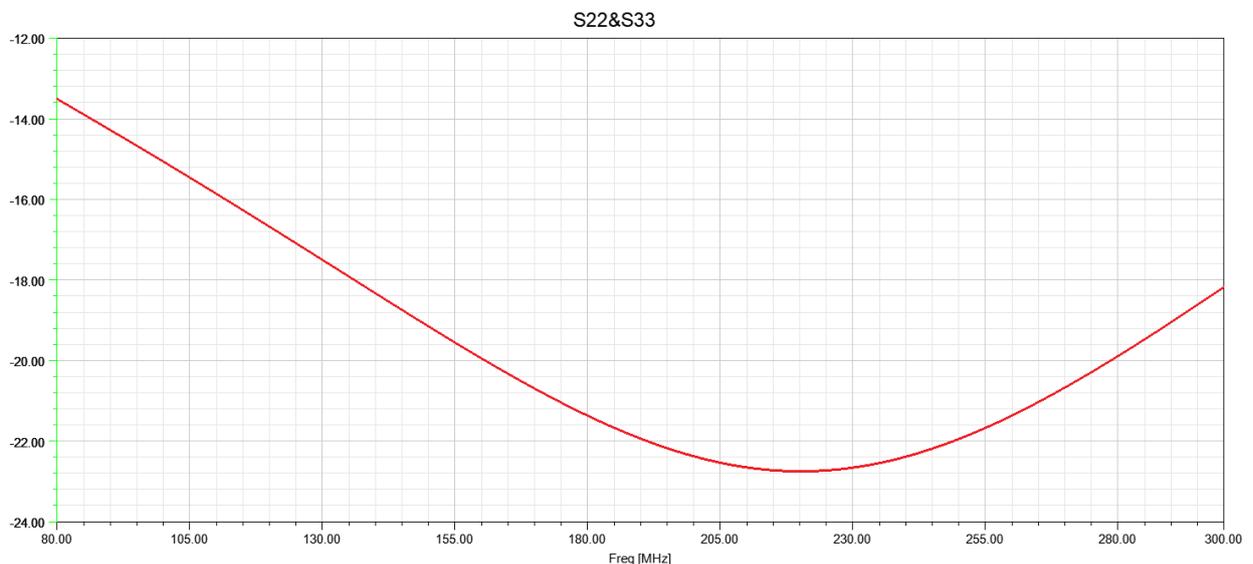
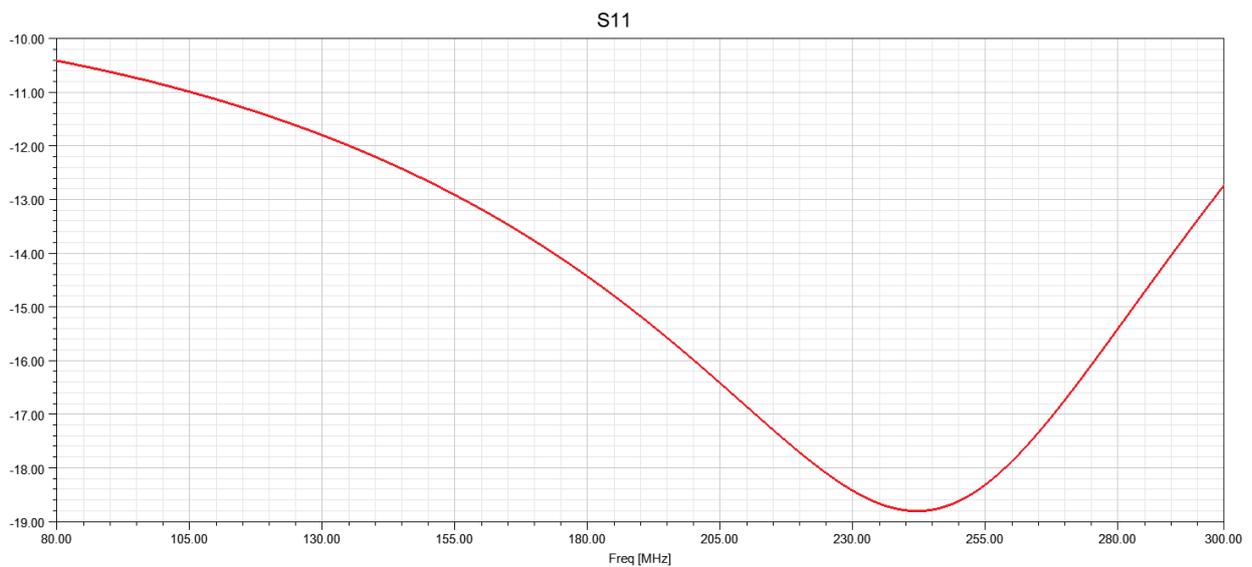
For detailed performance specs & shopping online see Yantel web site : [www.yantel-corp.com](http://www.yantel-corp.com)

### Mounting Considerations



R1:100Ω,0402 Size

### Typical Electrical Characteristics (T=25°C)



### Yantel Corporation

Add: No.308-322,3F,Building 1,Juchuang Jingu Innovation Park,Wenyuan Road 35,Xili Street,Nanshan,Shenzhen,China

Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : [www.yantel-corp.com](http://www.yantel-corp.com)

