

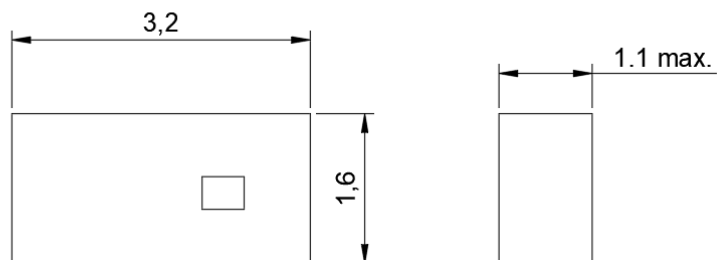
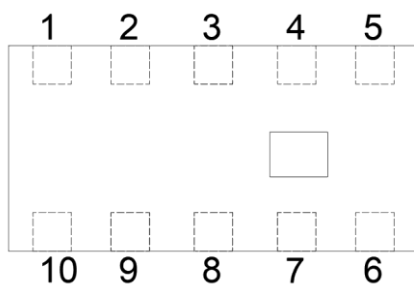
Features

- 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

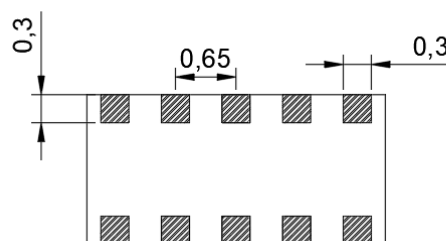
Specifications

NO.	Items	Spec	Typ.	Unit
1	Frequency range	80~300	80~300	MHz
2	Insertion Loss, above 3.0 dB	0.9 max.	0.65	dB
3	Isolation.	10 min.	11.5	dB
4	Phase Unbalance	3 max.	1	°
5	Amplitude Unbalance	0.3 max.	0.1	dB
6	Return Loss (Input)	10 min.	13.5	dB
7	Return Loss (Output)	10 min.	15.5	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	8
PORT 1	1
PORT 2	5
GND	3、6、7、9、10
2-4	resistor external 105 ohms
1-5	resistor external 204 ohms



Unit:mm
Tolerance:±0.10mm

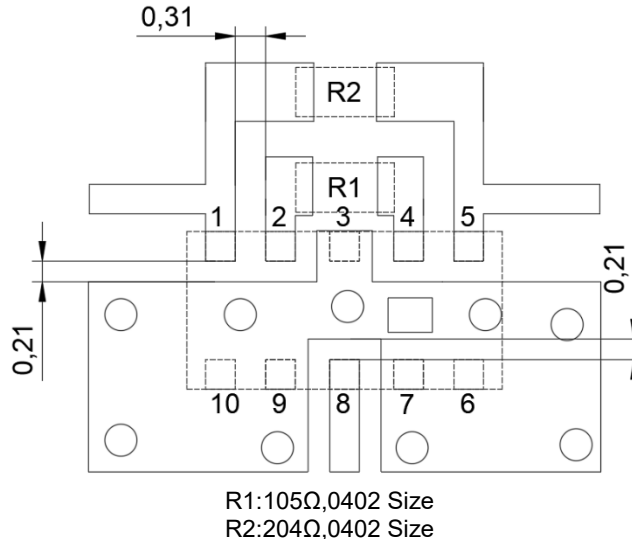
Yantel Corporation

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

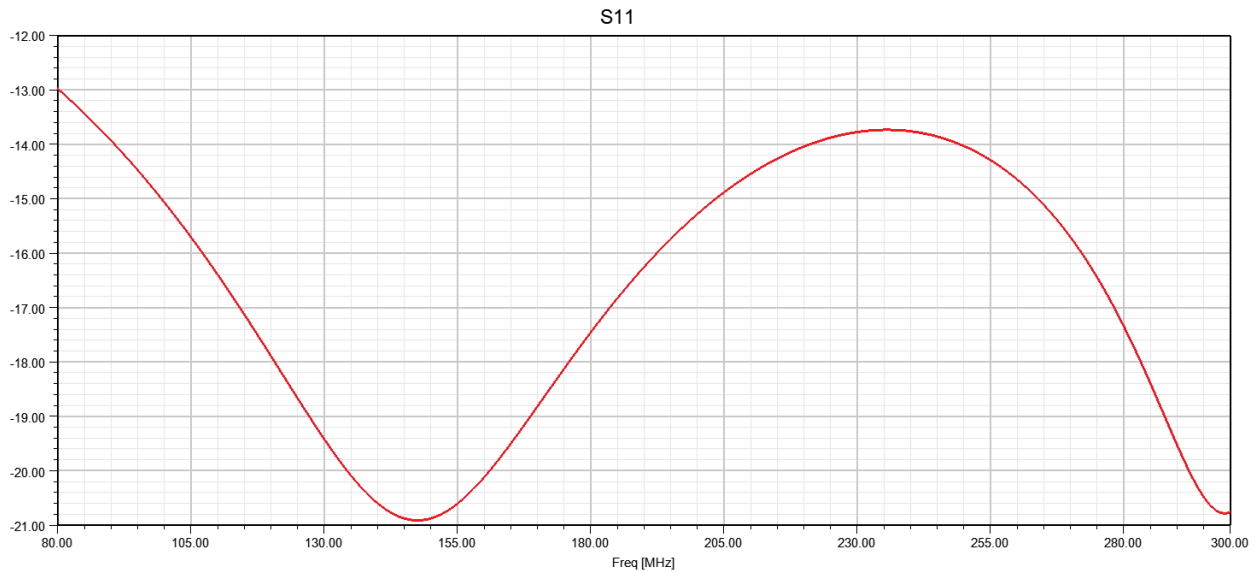
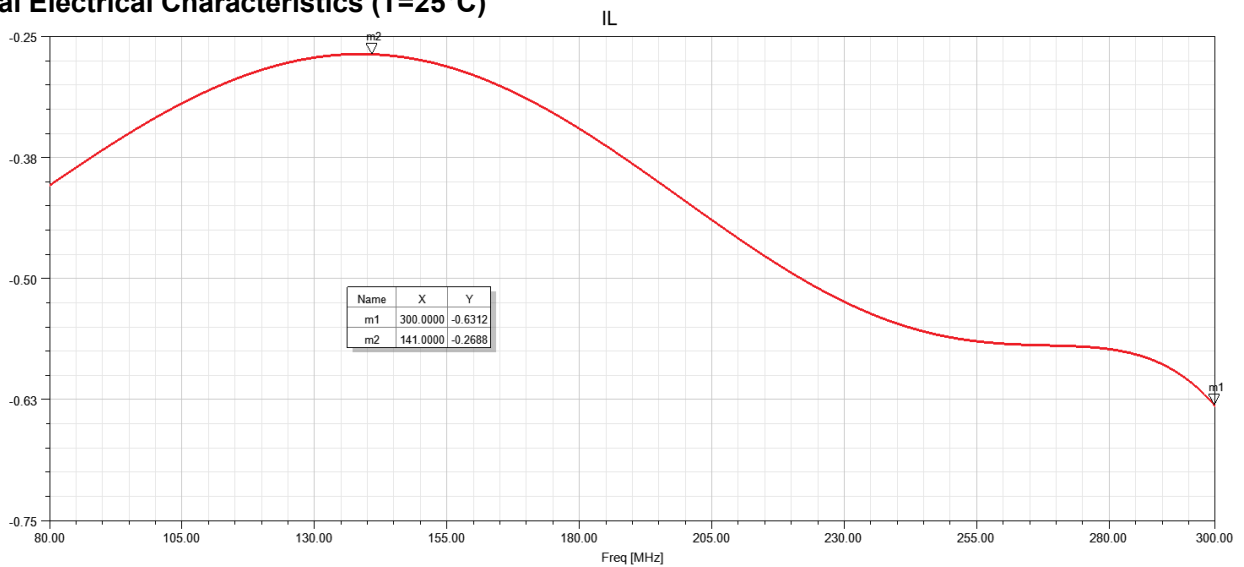
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

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Mounting Considerations



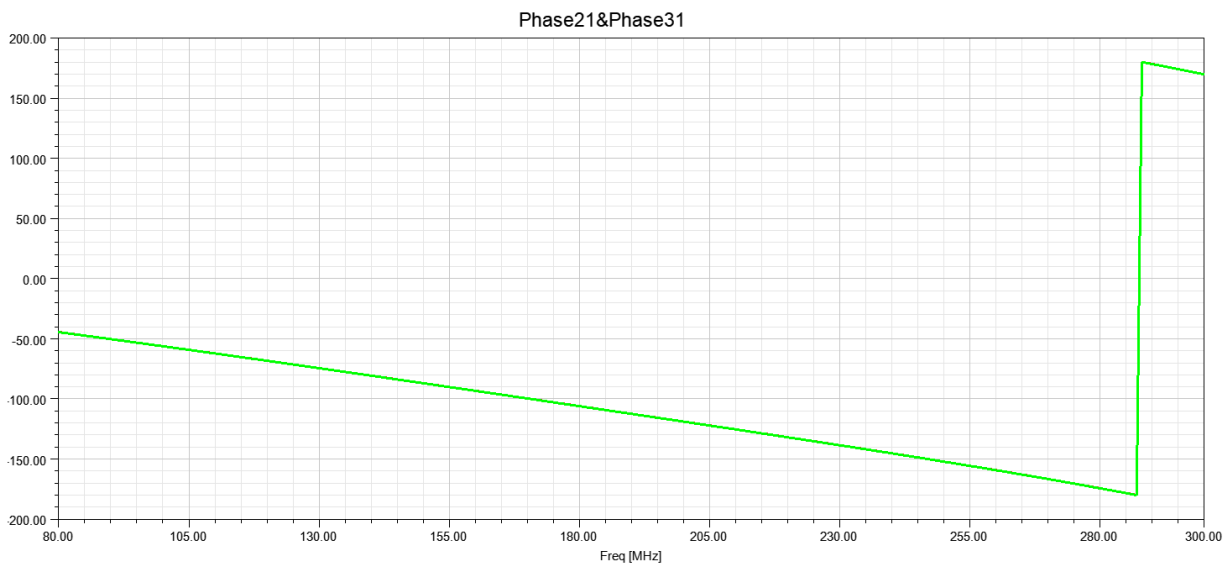
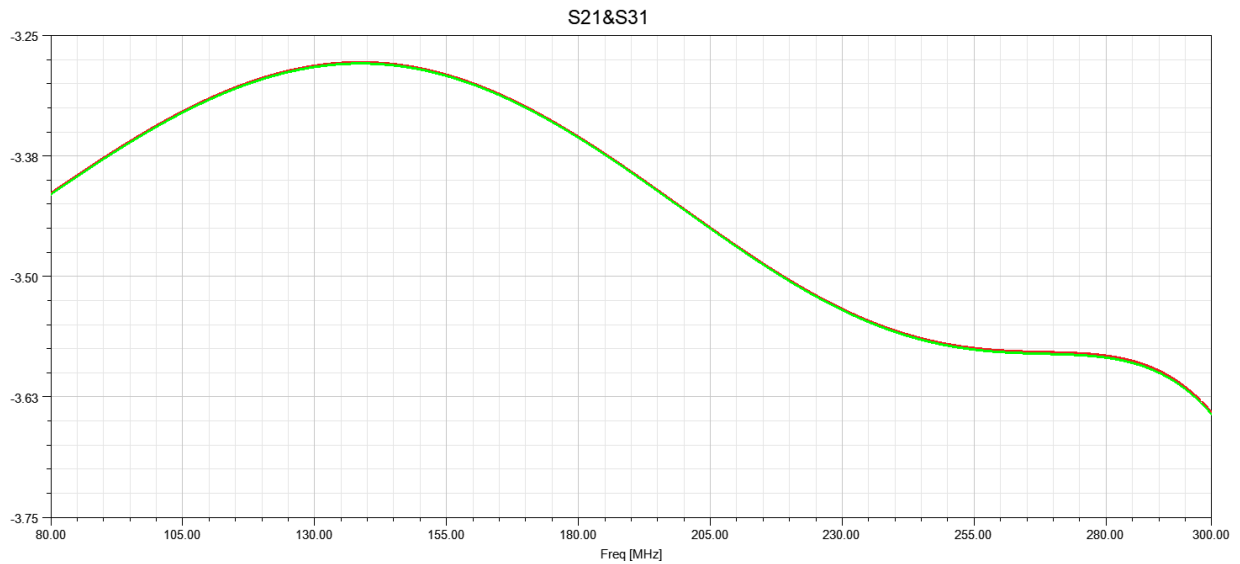
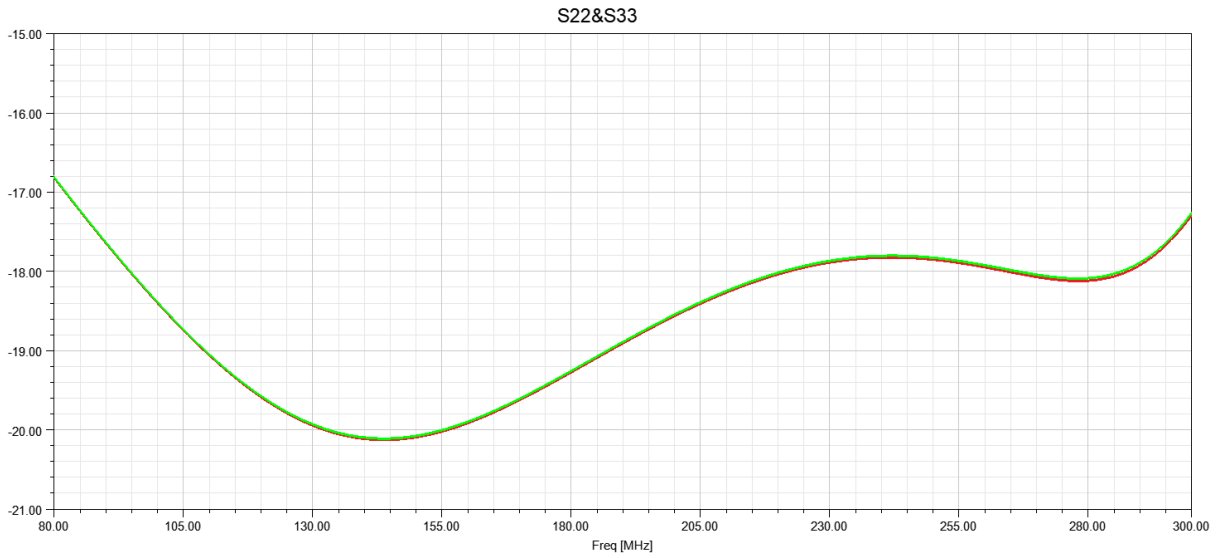
Typical Electrical Characteristics (T=25°C)



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