

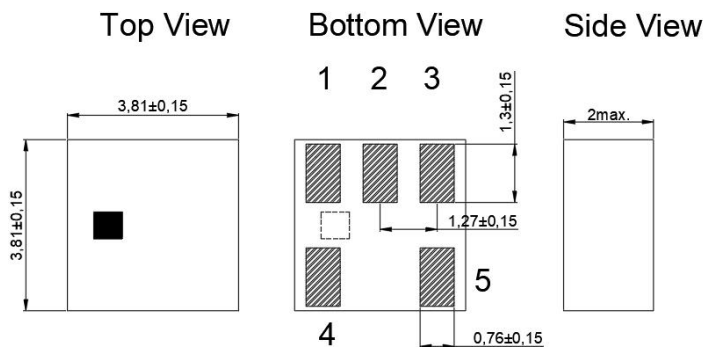
### Features

- 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	Unit
1	Frequency range	50~1450	MHz
2	Unbalanced Impedance	50	Ohms
3	Differential Balanced Imp.	50	Ohms
4	Return Loss at Unbalanced Port	8 min.	dB
5	Insertion Loss	1.52 max.	dB
6	Amplitude Difference	0.75 max.@50-80MHz 0.5 max.@80-200MHz 0.3 max.@200-1450MHz	dB
7	Phase Difference	10 max.@50-60MHz 5 max.@60-1450MHz	deg
<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			

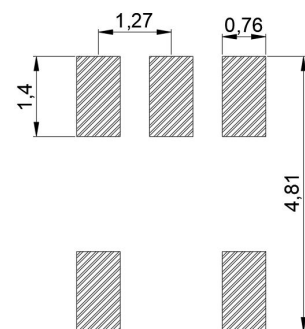
### Construction & Dimensions



- 1:Secondary Dot
- 2:NC
- 3:Secondary
- 4:Primary
- 5:GND

Unit:mm

### Mounting Considerations



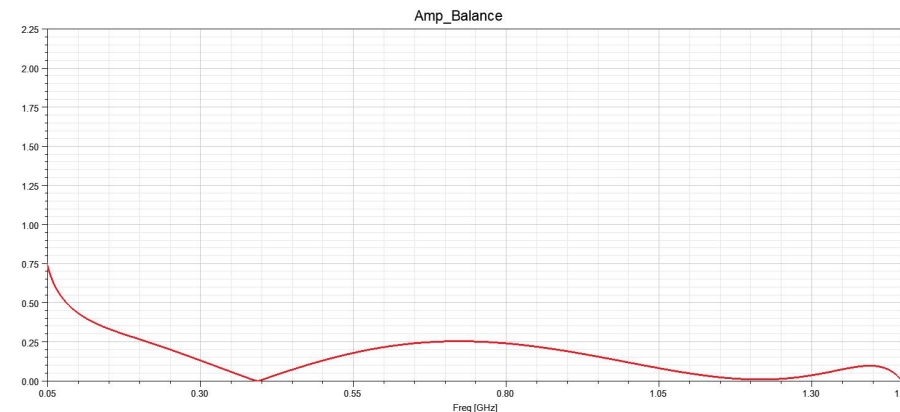
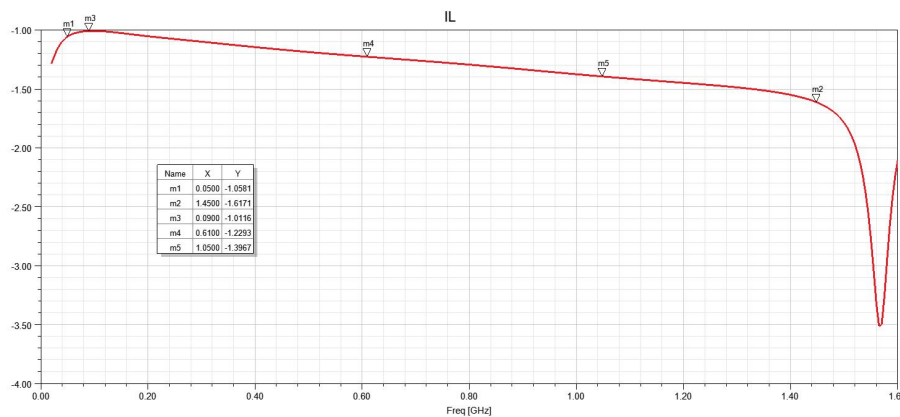
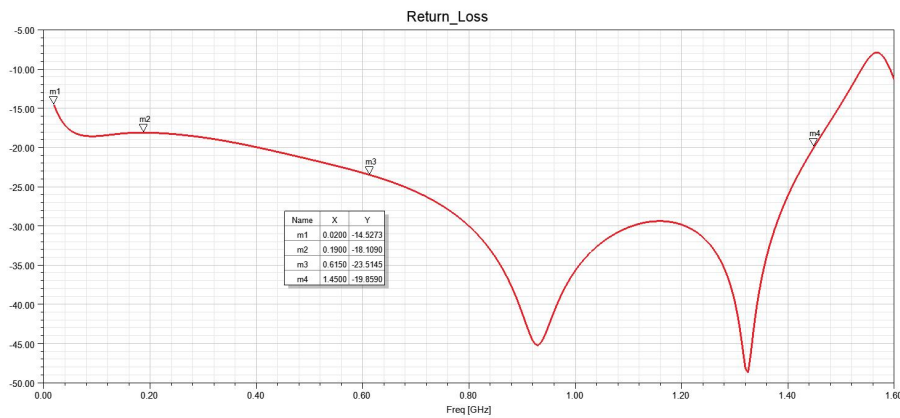
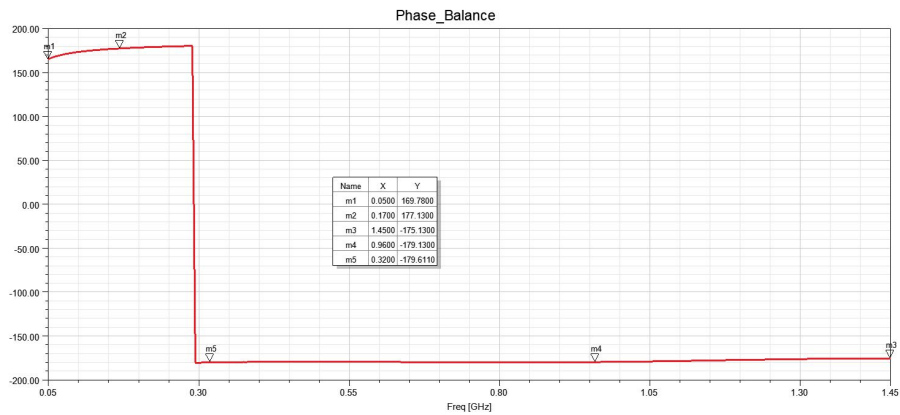
### Yantel Corporation

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



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