

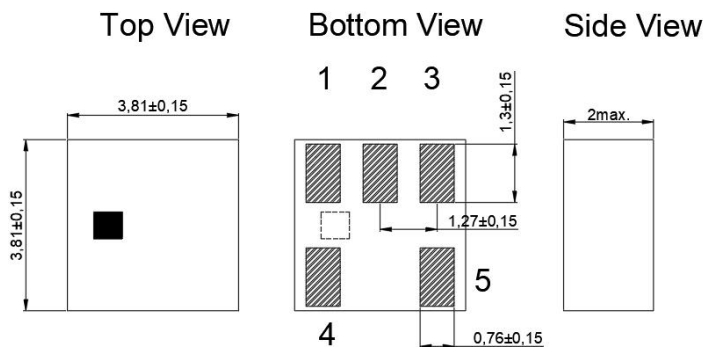
Features

- 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
Operating & Storage Condition (Component)			
Operation Temperature Range: -40℃ ~ +85℃			
Storage Temperature Range: -40℃ ~ +85℃			
Storage Condition before Soldering (Included packaging material)			
Storage Temperature Range: +5 ~ +40 ℃			
Humidity: 30 to 70% relative humidity			

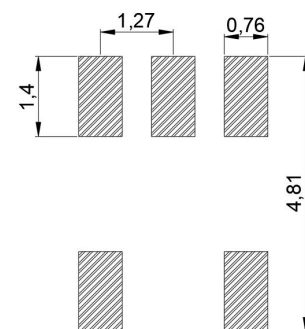
Construction & Dimensions



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

Unit:mm

Mounting Considerations



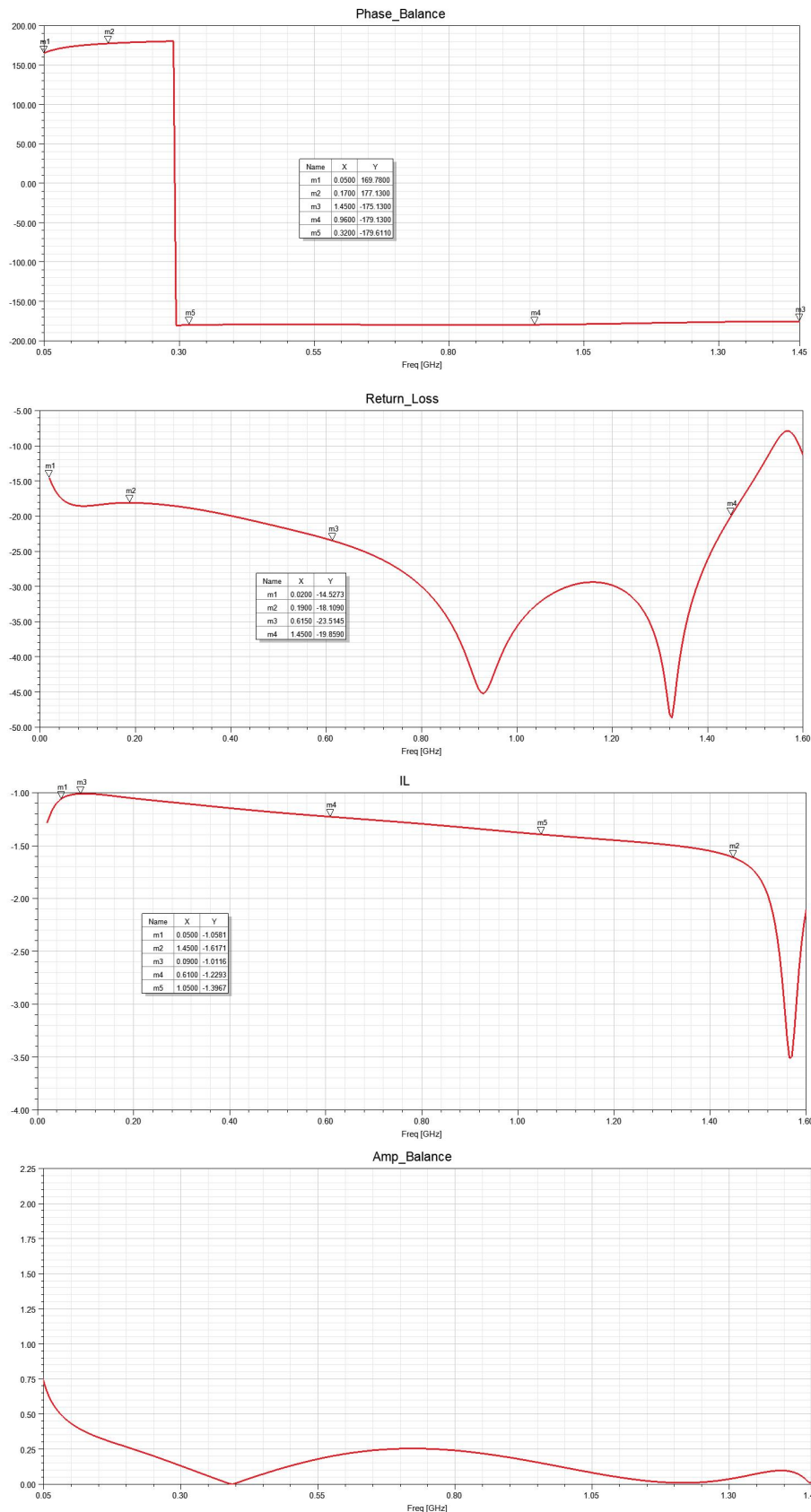
Yantel Corporation

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For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

Typical Electrical Characteristics (T=25°C)



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