

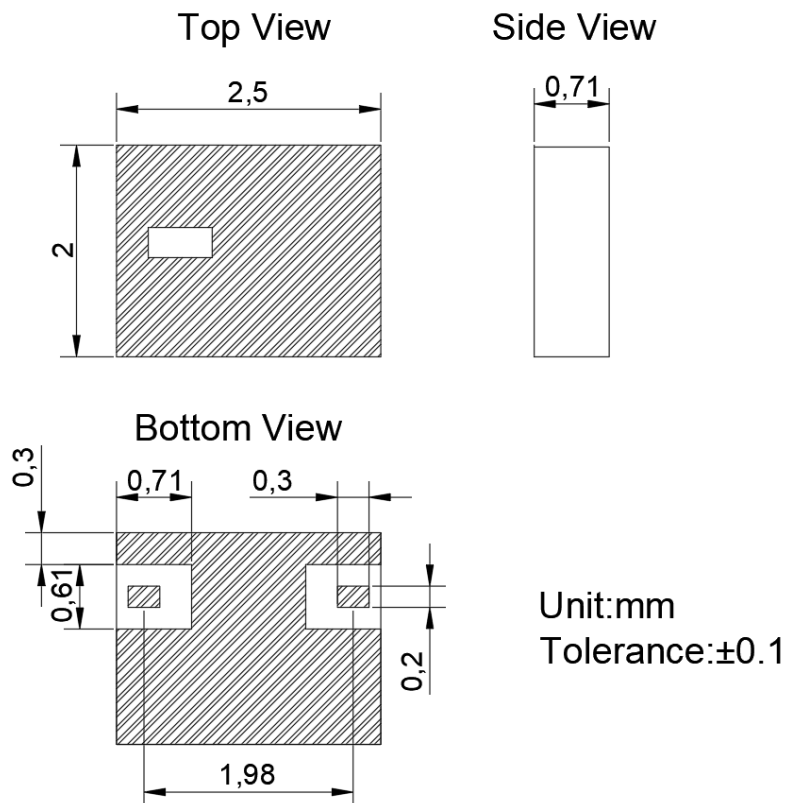
### Features

- 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.	Parameter	SPEC	
1	Frequency (GHz)	10.7 – 12.7	
2	Insertion loss (dB)	3.0 max.	
3	Attenuation (dB)	0.1-7.0 GHz	40 min.
		7.0-8.8 GHz	20 min.
		15.1-17.0	25 min.
		17.0-27 GHz	35 min.
4	Return Loss	13 typ.	
5	In/Output Impedance ( $\Omega$ )	50	

### Dimensions

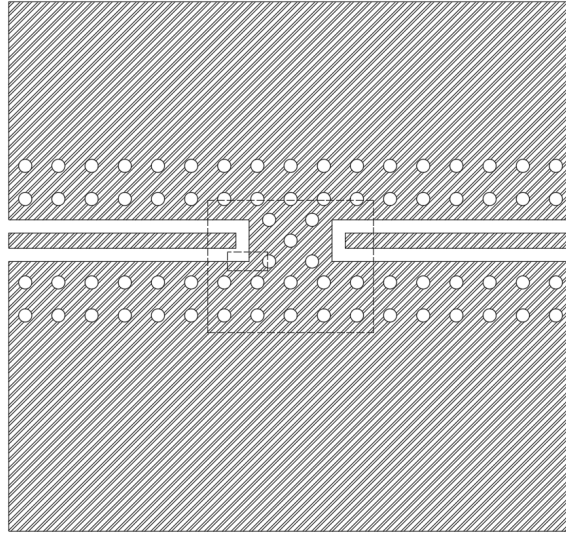


### Yantel Corporation

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

### Mounting Considerations



Unit: mm

Line width to be designed to match 50  $\Omega$  characteristic impedance, depending on PCB material and thickness

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

