

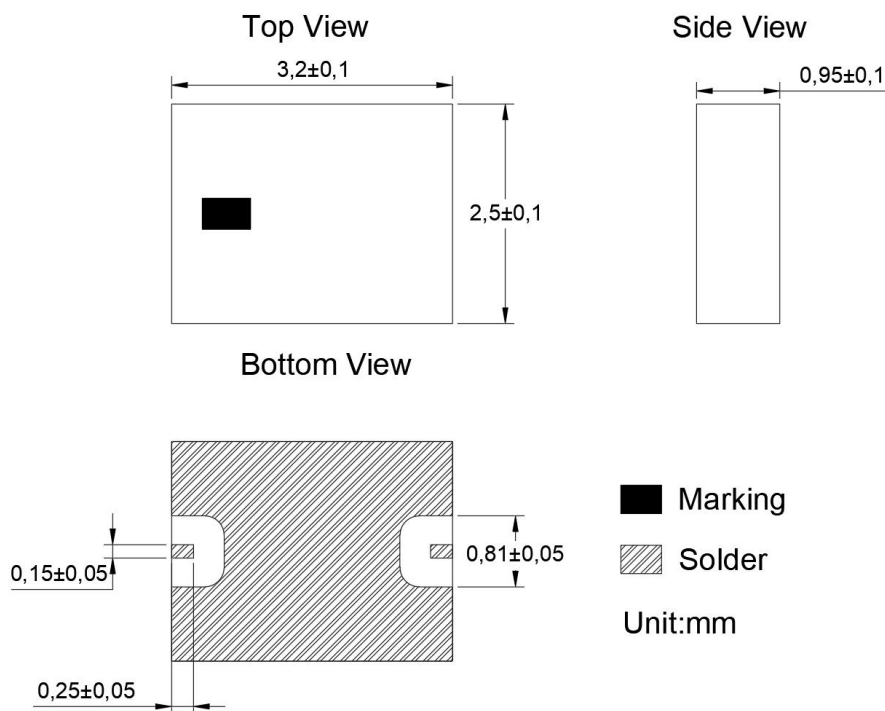
Features

- 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	Frequency (MHz)	SPEC		
			Min.	Typ.	Max.
1	Insertion Loss (dB) 25°C	DC-16500	/	1.3	1.9
2	Return loss (dB)	DC-16500	10	13	/
3	Attenuation (dB)	22500-25000	20	35	/
		25000-26500	25	35	/
		26500-40000	/	30	/
4	In/Output Impedance (Ω)	50			
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



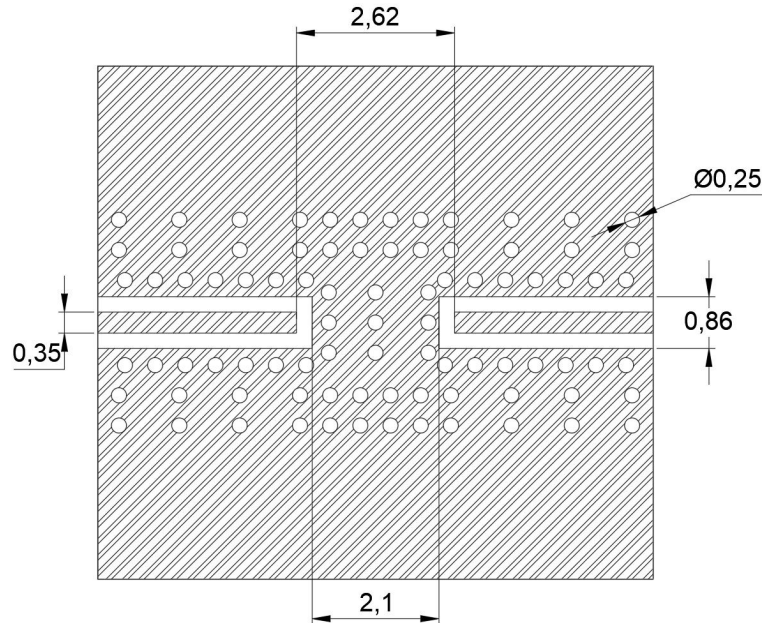
Yantel Corporation

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

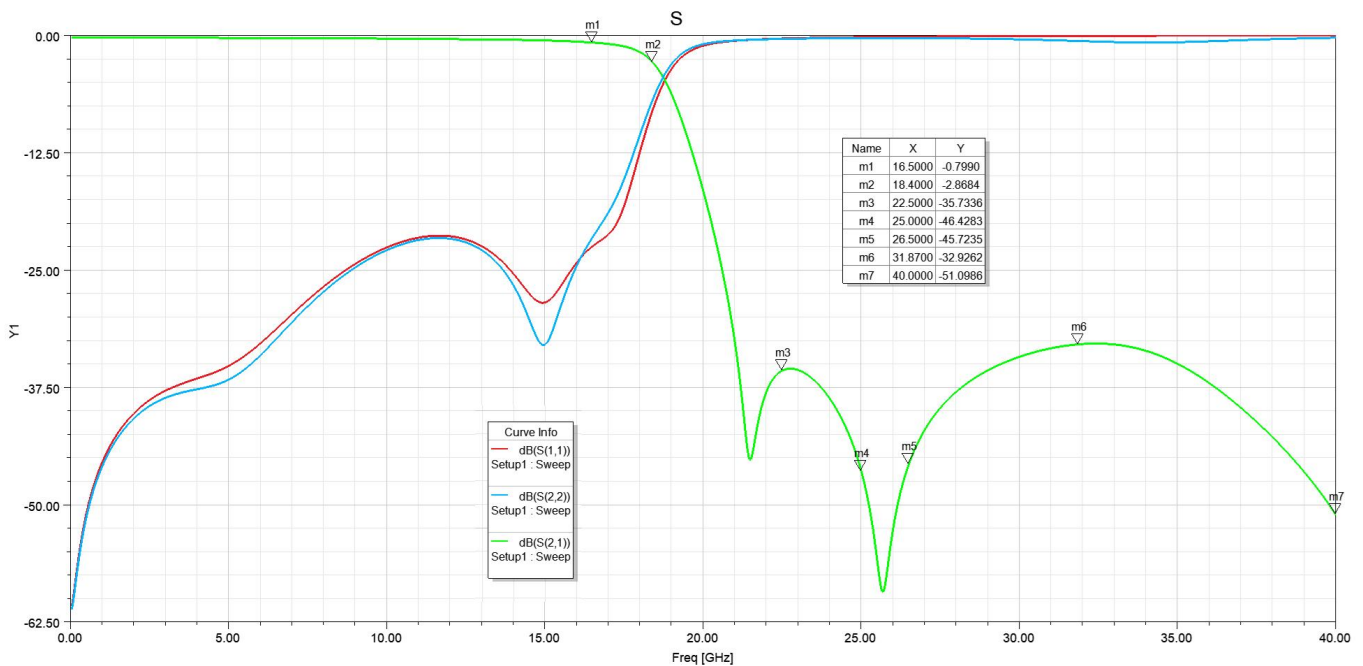
Mounting Considerations



Unit: mm

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

Typical Electrical Characteristics (T=25°C)



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