

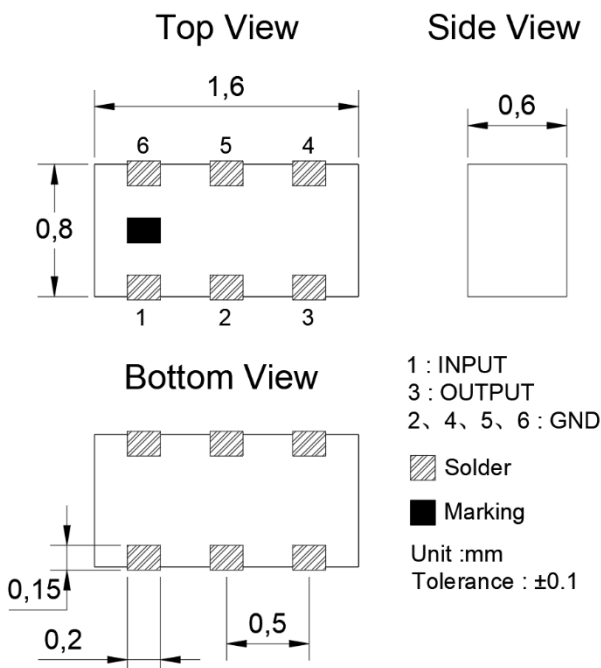
Features

- 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

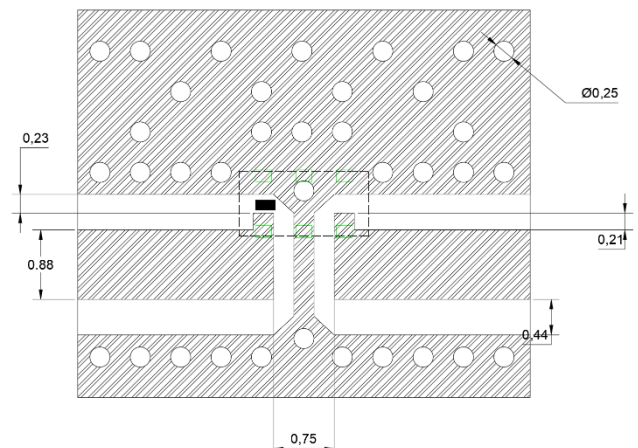
Specifications

NO.	Parameter	Frequency (MHz)	SPEC		
			Min.	Typ.	Max.
1	Insertion Loss (dB) 25°C	7200-9000	/	2.0	/
		9000-15000	/	1.0	2
		15000-20000	/	1.8	/
2	Return loss (dB)	7200-9000	/	13	/
		9000-15000	/	9	/
		15000-20000	/	8	/
3	Attenuation (dB)	DC-4200	38	44	/
		4200-5200	25	42	/
		6800	/	3	/
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



Mounting Considerations



Unit: mm
Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness
Coplanar waveguide parameters are shown for RO4350B (DK 3.48) with dielectric thickness 0.42mm

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

Typical Electrical Characteristics (T=25°C)

