

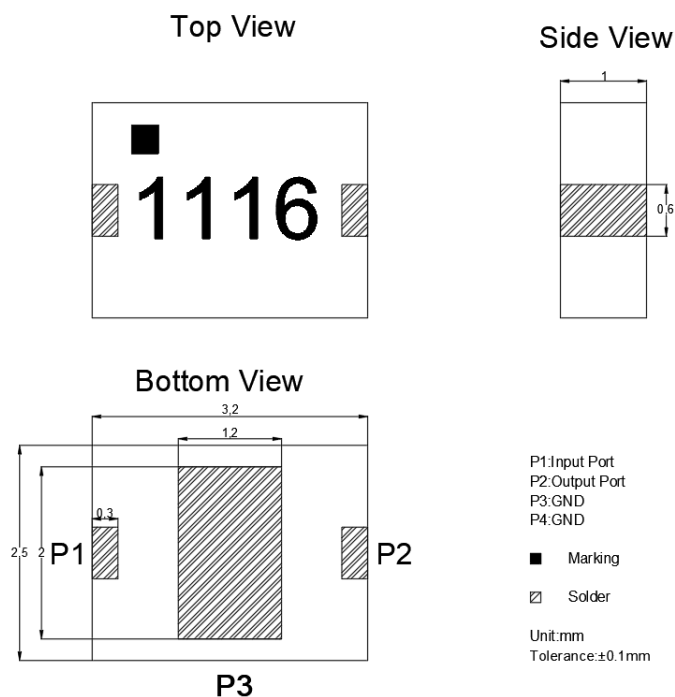
Features

- 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

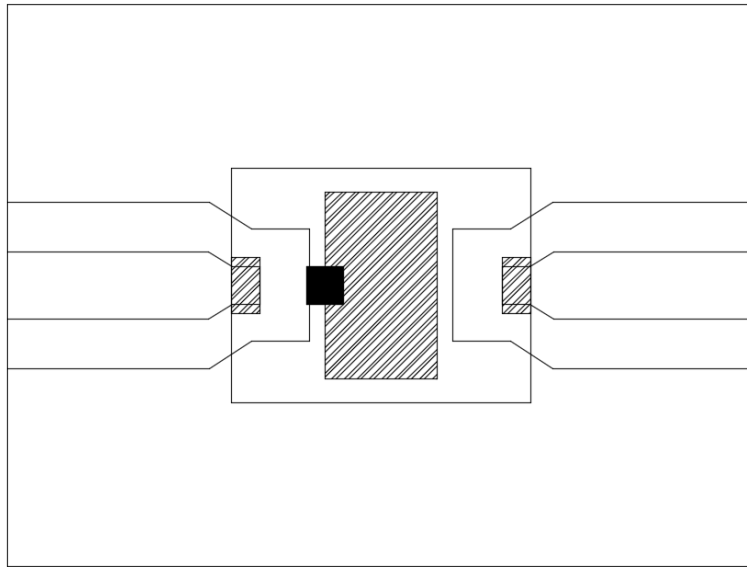
Specifications

NO.	Parameter	Frequency (MHz)	SPEC		
			Min.	Typ.	Max.
1	Insertion Loss (dB) 25°C	1164-1602	/	1.5	1.7
2	Return loss (dB)	1164-1602	10	/	/
3	Attenuation (dB)	1-900	40	/	/
		900-1002	25	/	/
		1747.5	6	/	/
		2000-2500	35	/	/
		2500-5900	27	/	/
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



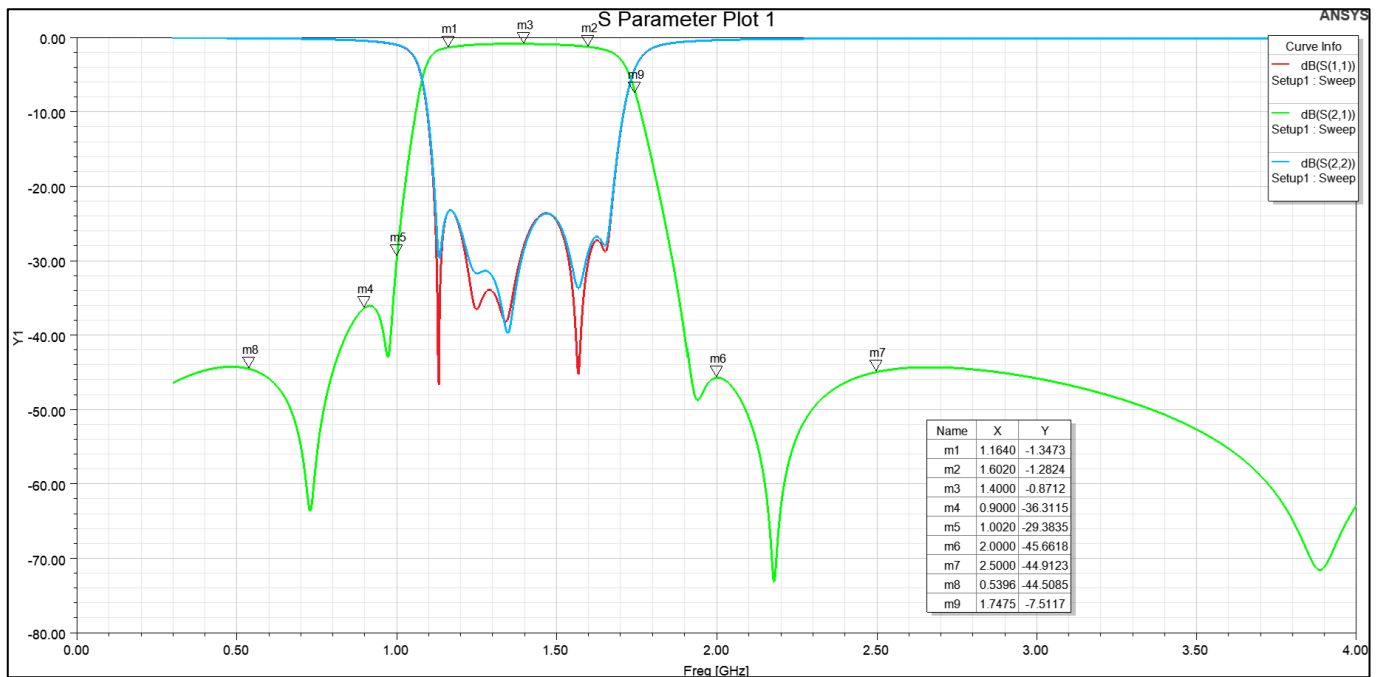
Mounting Considerations



Unit: mm

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

Typical Electrical Characteristics (T=25°C)



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