

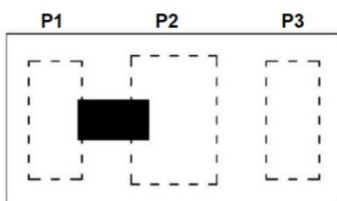
Features

- 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

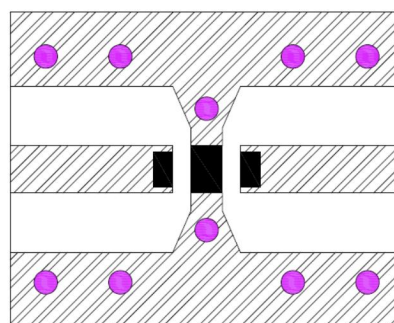
NO.	Parameter	Frequency (MHz)	SPC		
			Min.	Typ.	Max.
1	Insertion Loss (dB)	1805~2025			2.0
2	VSWR				2.0
3	Attenuation (dB)	700~950	30		
		950~1050	15		
		2400~2500	25		
		2700~5400	30		
		5500~6200	25		
		9350~10150	15		
	5850~12750	20			
4	In/Output Impedance (Ω)		50		
5	Permissible Input Power (W)				2
Operating & Storage Condition (Component)					
Operation Temperature Range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$					
Storage Temperature Range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$					
Storage Condition before Soldering (Included packaging material)					
Storage Temperature Range: $+5 \sim +40^{\circ}\text{C}$					
Humidity: 30 to 70% relative humidity					

Construction



PIN	Connection
P1	Input port
P3	GND
P2	Output port

Mounting Considerations



- Land
- ▨ Solder
- Through-hole

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

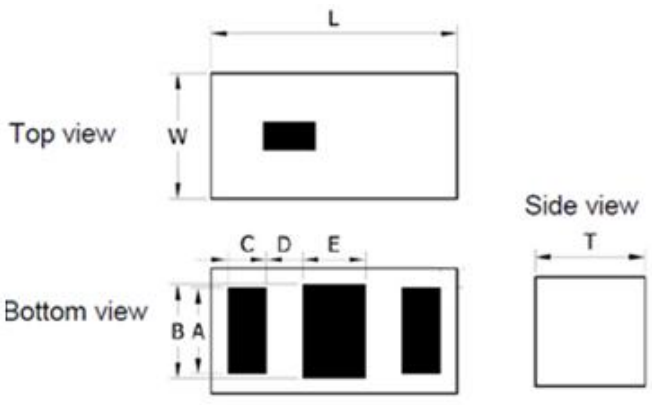
Yantel Corporation

Add: No.308-322,3F,Building 1,Juchuang Jingu Innovation Park,Wenyuan Road 35,Xili Street,Nanshan,Shenzhen,China

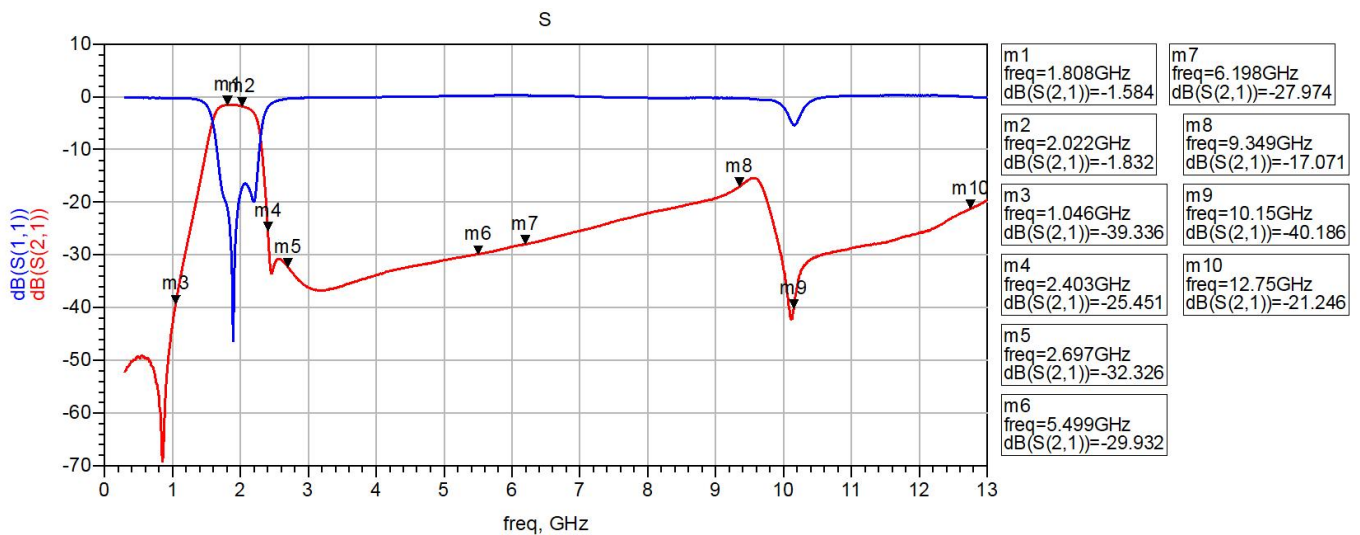
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

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

Dimensions

Figure	Symbol	Dimension (mm)
	L	1.60±0.10
	W	0.80±0.10
	T	0.60±0.10
	A	0.70±0.10
	B	0.70±0.10
	C	0.27±0.10
	D	0.28±0.10
E	0.40±0.10	

Typical Electrical Characteristics (T=25°C)



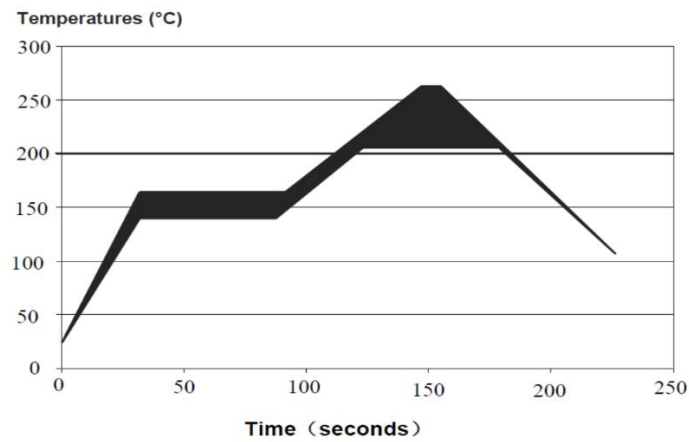
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Solder Reflow Standard Conditioning



Storage Conditions

Temperature : +5 to +30 °C

Humidity : 20 to 70% RH

Term of storage : Within 12 months (After the delivery) *

Baking : Unnecessary

* After peeling off cover tape, do not keep exposing the products to the open air. For the products stored longer than 12 months, confirm their terminals and solderability before use.