

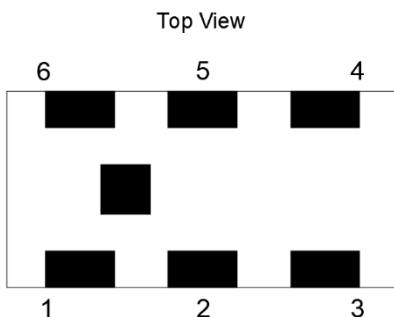
### Features

- 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.	Specification		
1	Frequency range (MHz)	300-800 MHz	885-2700 MHz
2	Insertion Loss (dB) @25°C	0.6 dB Max. @300-500 MHz	1.8 dB Max. @ 885-900 MHz
		0.8 dB Max. @500-700 MHz	1.5 dB Max. @ 900-1000 MHz
		1.0 dB Max. @700-750 MHz	0.8 dB Max. @ 1000-2320 MHz
		2.0 dB Max. @750-800 MHz	0.8 dB Max. @2320-2370 MHz
			1.2 dB Max. @2370-2700 MHz
3	Return Loss (dB)	10 Min.	10 Min.
4	Attenuation	15 dB Min. @ 885-2700 MHz	11 dB Min. @ 300-800 MHz
5	Impedance (Ω)	50	50
6	Power(W)	2	
<b>Operating &amp; Storage Condition (Component)</b>			
Operation Temperature Range: -40°C ~ +85°C Storage Temperature Range: -40°C~ +85°C			
<b>Storage Condition before Soldering (Included packaging material)</b>			
Storage Temperature Range: +5 ~ +40 °C			
Humidity: 30 to 70% relative humidity			

### Construction



PIN	Connection	PIN	Connection
1	GND	4	High-band
2	Common	5	GND
3	GND	6	Low-band

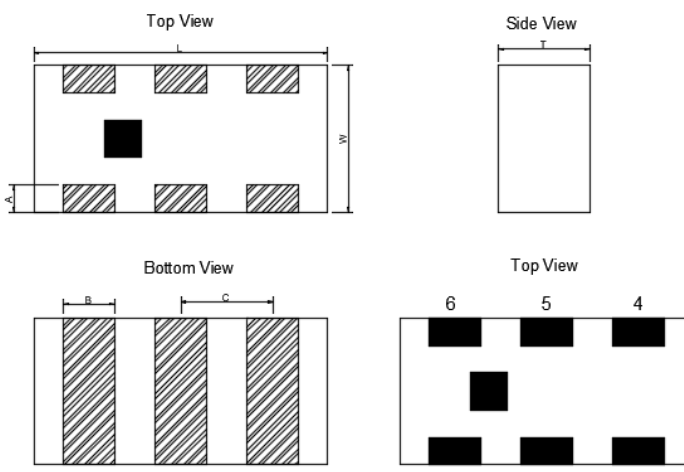
### Yantel Corporation

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

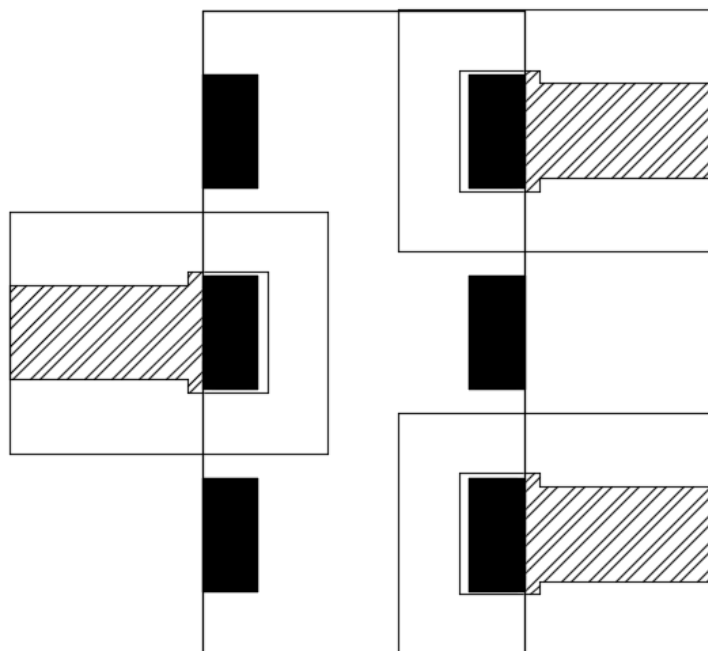
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

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

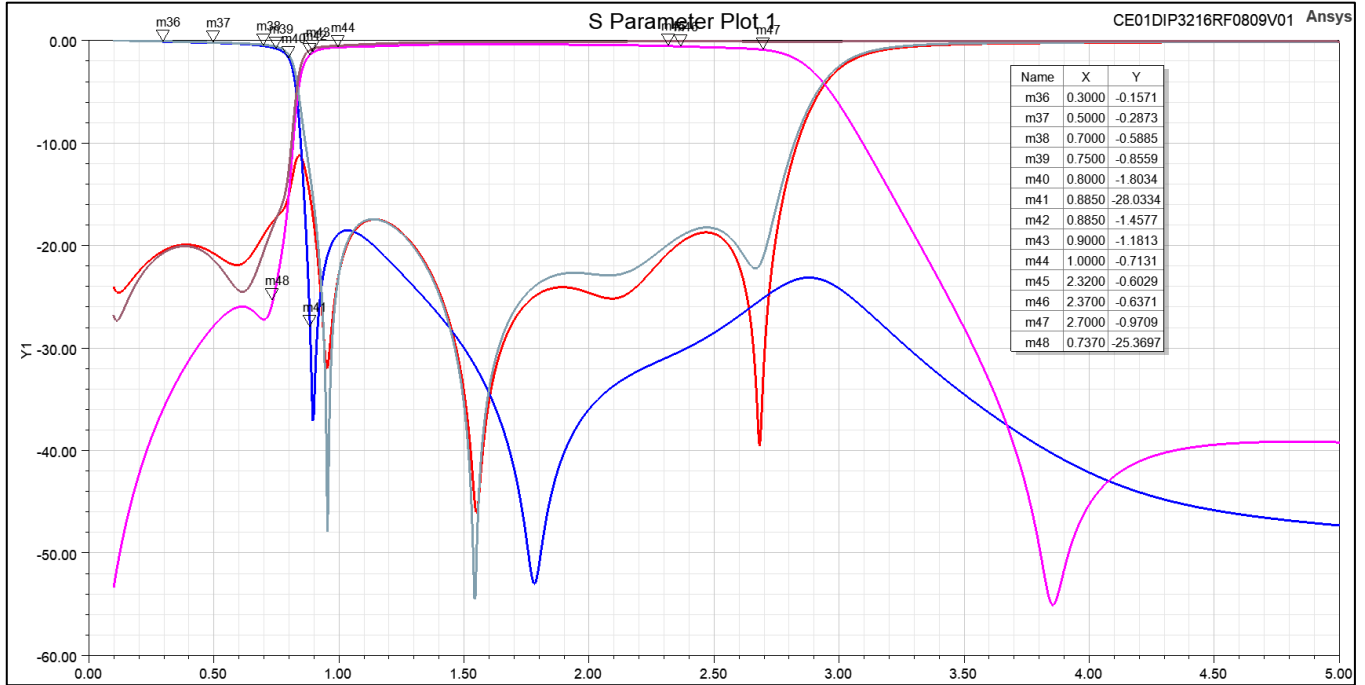
### Dimensions

Figure	Symbol	Dimension (mm)
 <p>The figure contains four technical drawings: 1. Top View: Shows a rectangular component with a central square pad and six surrounding rectangular pads. Dimension L is the total length, W is the total width, and A is the height of the top pads. 2. Side View: Shows the profile of the component with dimension T representing the thickness. 3. Bottom View: Shows the component from the reverse side with three vertical pads. Dimension B is the width of one pad, and C is the distance between pads. 4. Top View: Shows the component with six pads numbered 1 through 6.</p>	L	$3.2 \pm 0.10$
	W	$1.6 \pm 0.10$
	T	$0.9 \pm 0.10$
	A	$0.30 \pm 0.10$
	B	$0.56 \pm 0.10$
	C	$1.00 \pm 0.10$

### Mounting Considerations



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



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