

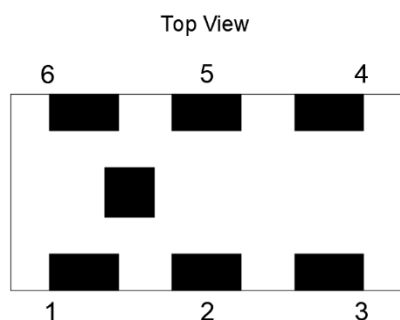
Features

- 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℃	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	0.9 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	
Operating & Storage Condition (Component) Operation Temperature Range: -40℃ ~ +85℃ Storage Temperature Range: -40℃~ +85℃			
Storage Condition before Soldering (Included packaging material) Storage Temperature Range: +5 ~ +40 ℃ 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

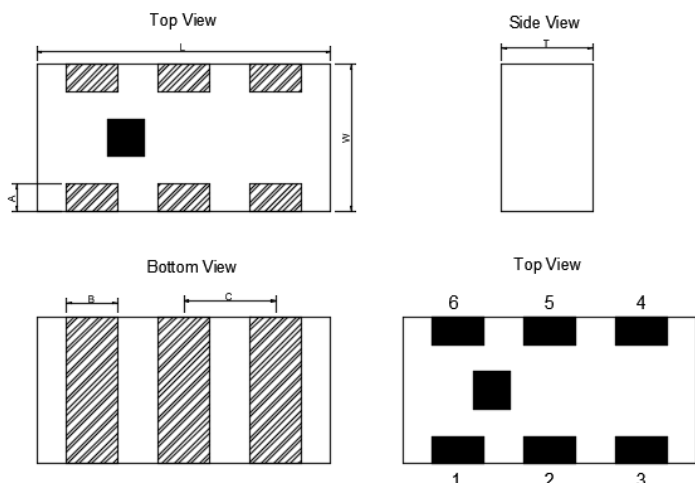
Yantel Corporation

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

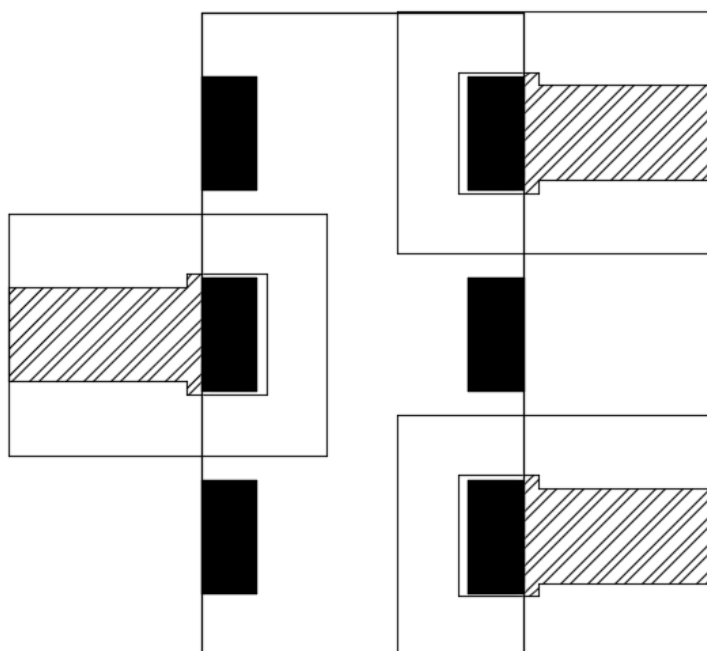
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For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

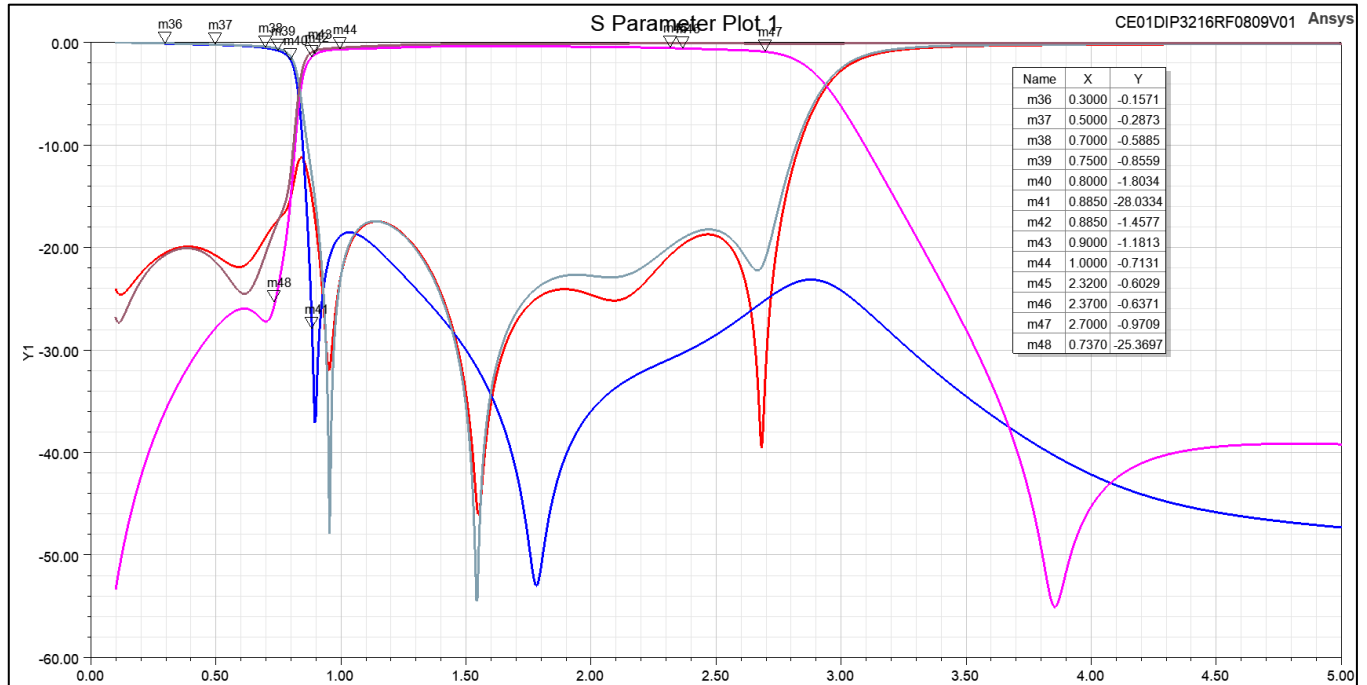
Dimensions

Figure	Symbol	Dimension (mm)
 The figure contains four technical drawings: a Top View showing the overall footprint with dimensions L and W, and a central black square; a Side View showing the thickness T; a Bottom View showing the pad layout with dimensions B and C; and another Top View showing the numbered pads (1-6) and the central black square.	L	3.2 ± 0.10
	W	1.6 ± 0.10
	T	0.9 ± 0.10
	A	0.30 ± 0.10
	B	0.56 ± 0.10
	C	1.00 ± 0.10

Mounting Considerations



Typical Electrical Characteristics (T=25°C)



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