

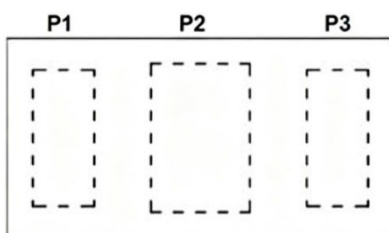
Features

- 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

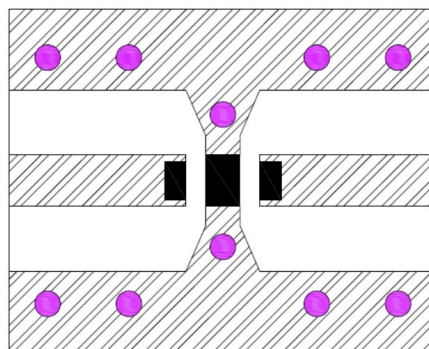
NO.	Parameter	Frequency (MHz)	SPC		
			Min.	Typ.	Max.
1	Insertion Loss (dB)	4950~5950	-	1.0	1.3
2	Insertion Loss (dB) -40 ~ +90 °C	4950~5950	-		1.5
3	VSWR	4950~5950		1.3	2.0
4	Attenuation (dB)	30~2700	38	42	-
		3453~3574	20	35	-
		3667~3883	35	40	-
		8600~9750	32	35	-
		10600~11650	25	30	-
		15540~17760	18	21	-
Operating & Storage Condition (Component) Operation Temperature Range: -40°C ~ +85°CStorage 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



PIN	Connection
1	Input port
2	GND
3	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

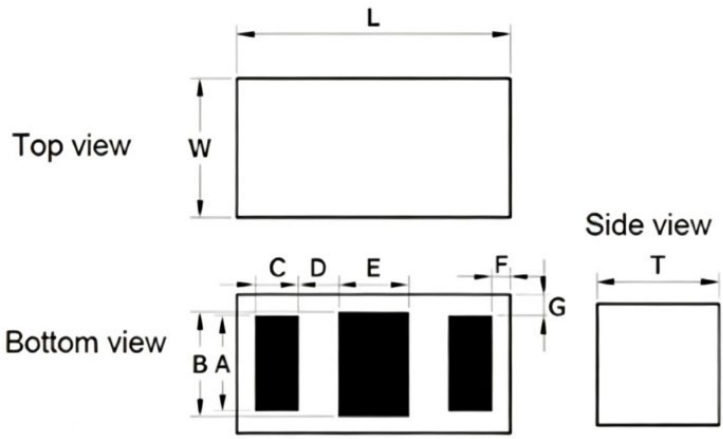
Yantel Corporation

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

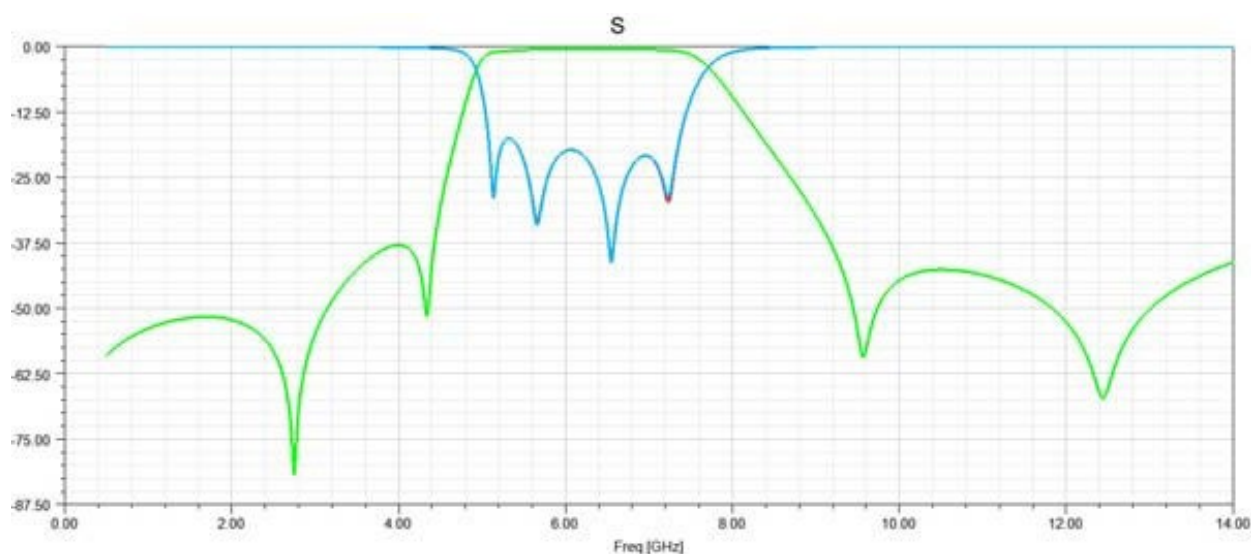
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For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

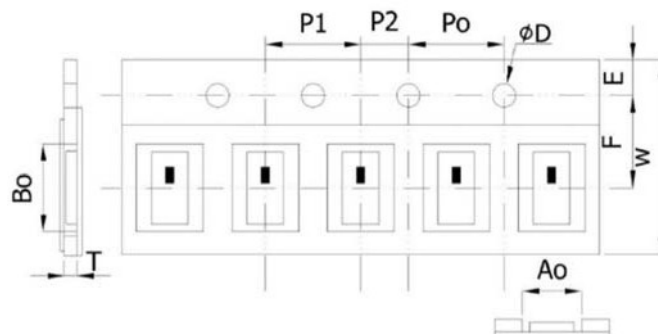
Dimensions

Figure	Symbol	Dimension (mm)
 Top view Bottom view Side view	L	1.60±0.10
	W	0.80±0.10
	T	0.65max.
	A	0.55±0.10
	B	0.60±0.10
	C	0.25±0.10
	D	0.23±0.10
	E	0.40±0.10
	F	0.12±0.10
	G	0.125±0.10

Typical Electrical Characteristics (T=25°C)



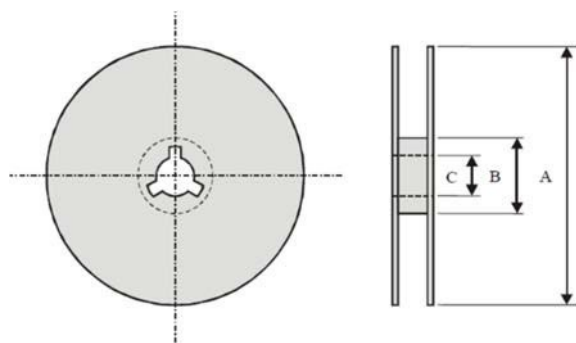
Packaging



Plastic Tape specifications (unit: mm)

Index	A0	B0	ØD	T	W	E	F	P0	P1	P2
Dimension (mm)	0.975 ± 0.1	1.76 ± 0.1	1.55 ± 0.1	0.78 ± 0.1	8.0 ± 0.1	1.75 ± 0.1	3.50 ± 0.1	4.0 ± 0.1	4.0 ± 0.1	2.00 ± 0.1

Reel dimensions



Index	A	B	C
Dimension (mm)	Ø178.0	Ø60.0	Ø13.0

Taping Quantity: 4000 pieces per 7" reel

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