

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

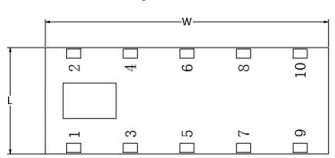

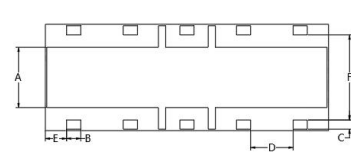
NO.	Specification					
		LPF1	LPF2	LPF3	LPF4	LPF5
1	Frequency range (MHz)	225~330	330~480	480~700	700~1100	1100~1800
2	Insertion Loss (dB) @25°C	1.3	1.3	1.3	1.3	1.3
3	Ripple (dB)	1.0	1.0	1.0	1.0	1.0
4	VSWR (In BW)	12	12	12	12	12
5	Impedance (Ω)	50	50	50	50	50
6	Attenuation (dB)	2-d Harm Rej	50	50	50	50
		3-d Harm Rej	50	50	50	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

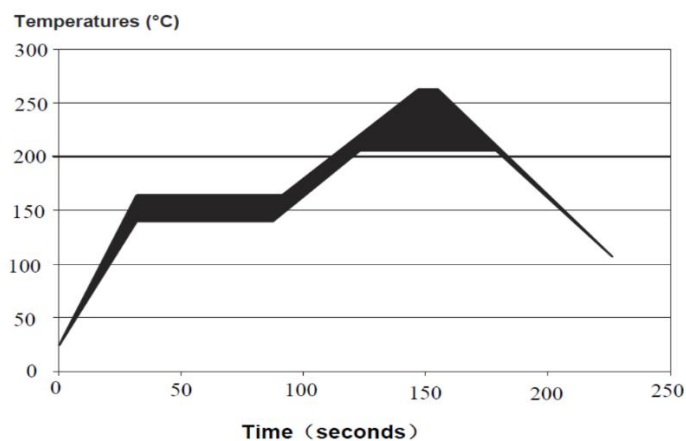


PIN	Connection	PIN	Connection
1	LPF1 input Port	2	LPF1 output Port
3	LPF2 input Port	4	LPF2 output Port
5	LPF3 input Port	6	LPF3 output Port
7	LPF4 input Port	8	LPF4 output Port
9	LPF5 input Port	10	LPF5 output Port

Dimensions

Figure	Symbol	Dimension (mm)
<p style="text-align: center;">Top View</p>  <p style="text-align: center;">Side View</p>  <p style="text-align: center;">Bottom View</p> 	L	6.00 ± 0.20
	W	16.00± 0.20
	T	1.80± 0.20
	A	3.40± 0.10
	B	0.80 ± 0.10
	C	0.60 ± 0.10
	D	2.40± 0.10
	E	1.20± 0.10
	F	4.80± 0.10

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.

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