

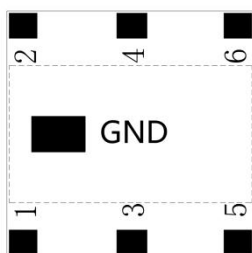
Features

- 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

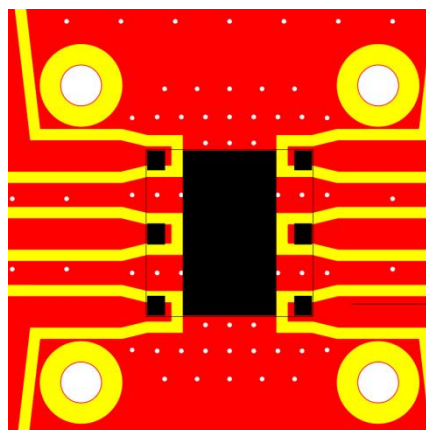
NO.	Specification				
		LPF1	LPF2	LPF3	
1	Frequency range (MHz)		225~330	330~480	480~678
2	Insertion Loss (dB) @25℃		1.2	0.8	0.8
3	VSWR (In BW)		1.5	1.5	1.5
4	Ripple		1.0	1.0	1.0
5	Impedance (Ω)		50	50	50
6	Attenuation (dB)	450~990MHZ	50	-	-
		660~1440 MHZ	-	50	-
		960~2034 MHZ	-	-	50
Operating & Storage 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



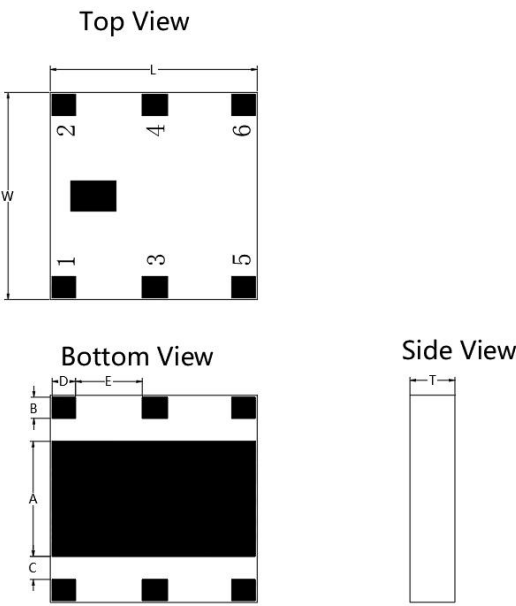
PIN	Connection	PIN	Connection
1	LPF1 input Port	2	LPF1 output Port
3	LPF2 input Port	4	LPF2 output Port
5	LPF3 input Port	6	LPF3 output Port

Mounting Considerations

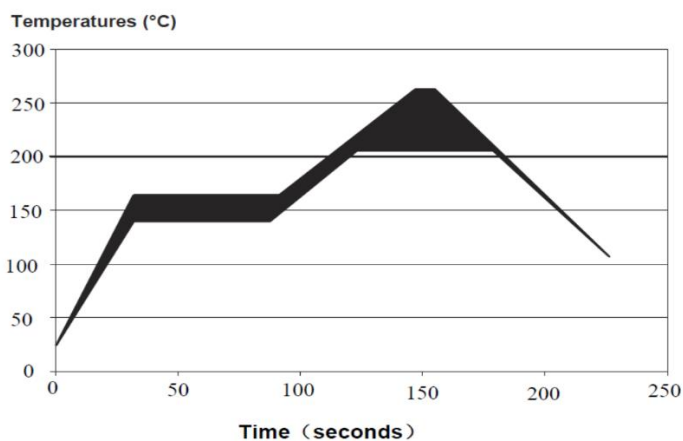


Unit: mm
 Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness

Dimensions

Figure	Symbol	Dimension (mm)
	L	9.00 ± 0.10
	W	9.00 ± 0.10
	T	2.40 ± 0.10
	A	5.00 ± 0.10
	B	0.92 ± 0.10
	C	1.00 ± 0.10
	D	1.10 ± 0.10
	E	2.90 ± 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.

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