LLPF1250-4532

Multilayer Low Pass Filter

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

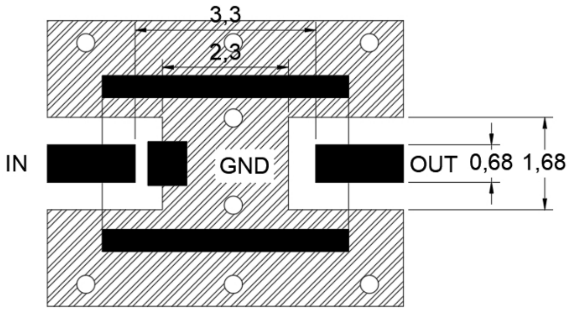
Specifications

NO.	Parameter	Frequency	SPC		
			MIN	Typ	Max.
1	Insertion Loss (dB)@25℃	800~1250 MHz	-	1.2	1.3
2	VSWR	800~1250 MHz	-	-	2.0
3	Attenuation (dB)	1600~3750MHz	-	40	-
4	Power(W)	2 Max.			
5	In/Output Impedance (Ω)	50			
Operating & Storage Condition (Component) Operation Temperature Range: -55℃ ~ +85℃ Storage Temperature Range: -55℃~ +85℃					
Storage Condition before Soldering (Included packaging material) Storage Temperature Range: +5 ~ +40 ℃ Humidity: 30 to 70% relative humidity					

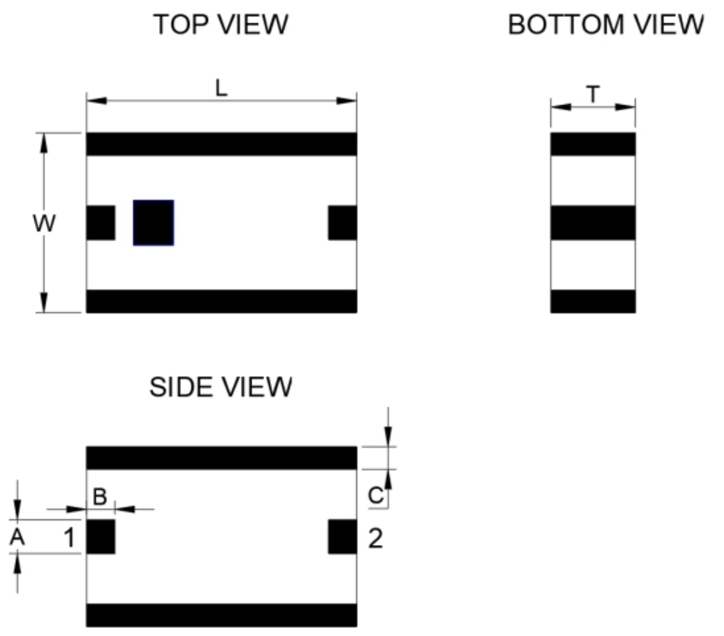
Construction

PIN	Connection	PIN	Connection
1	input Port	2	output Port

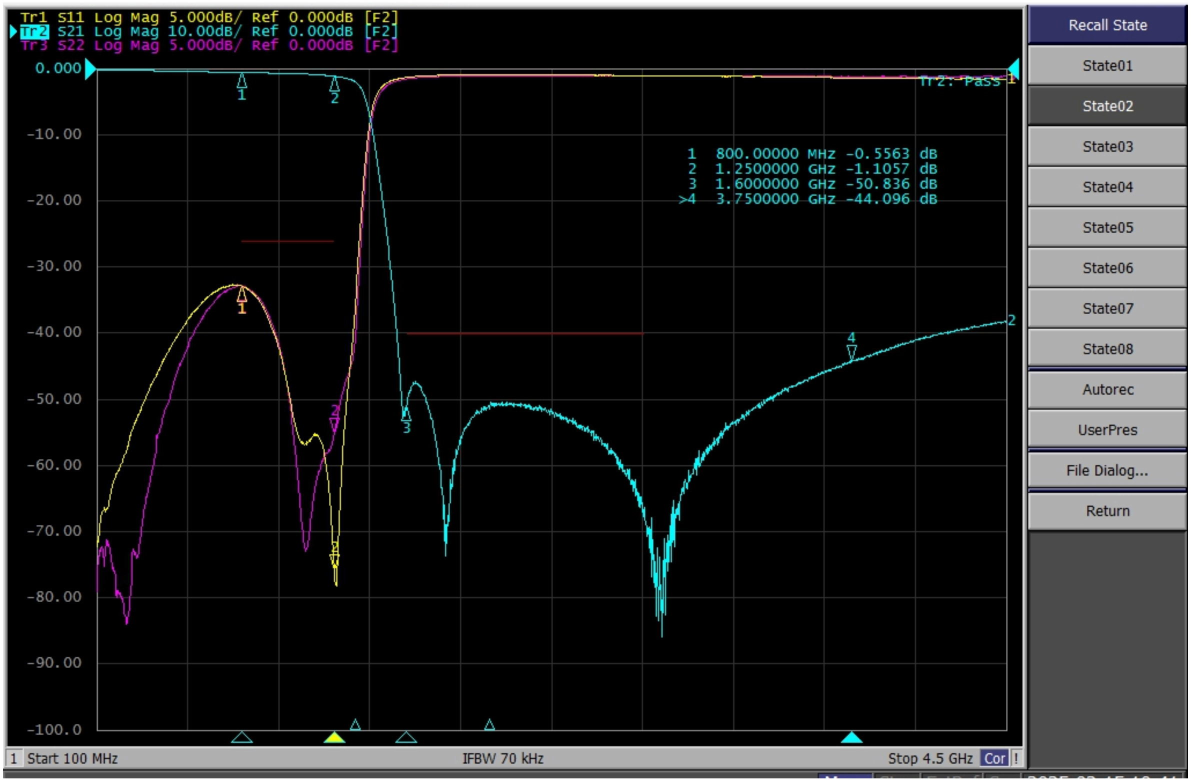
Mounting Considerations



Dimensions

Figure	Symbol	Dimension (mm)
	L	4.50 ± 0.20
	W	3.20 ± 0.20
	T	2.00 MAX
	A	0.60± 0.10
	B	0.50 ± 0.10
	C	0.40± 0.10

Typical Electrical Characteristics (T=25°C)



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Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]
Tr3 S22 Log Mag 5.000dB/ Ref 0.000dB [F2]

 1   800.00000 MHz -0.5563 dB
 2   1.2500000 GHz -1.1057 dB
 3   1.6000000 GHz -50.836 dB
>4   3.7500000 GHz -44.096 dB
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Solder Reflow Standard Conditioning