LC Bandpass Filter 50Ω

ZLB-307.5HN32DC

RoHS

▣ Features

- ROHS Compliant
- High power rating
- High rejection

▣ Electrical Specifications

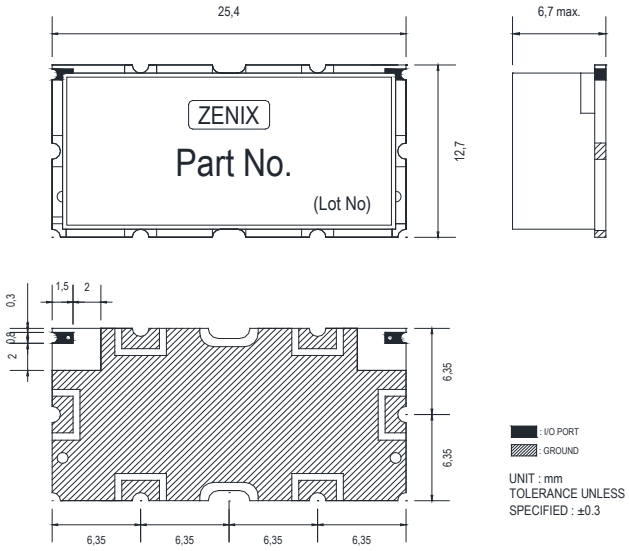
Parameter	Frequency (MHz)	Min.	Typ.	Max.	Unit
Center frequency	307.5	–	307.5	–	**MHz**
Bandwidth	32	291.5	–	323.5	**MHz**
Insertion Loss	291.5 ~ 323.5	–	2.5	3.0	**dB**
Ripple		–	0.5	1.0	**dB**
Return Loss		16.0	18.0	–	**dB**
Group Delay		–	–	–	**ns**
Group Delay Variation		–	–	10.0	**ns**
Attenuation	DC~217	50.0	–	–	**dB**
	241.5	45.0	–	–	**dB**
	266.5	22.0	–	–	**dB**
	348.5	22.0	–	–	**dB**
	373.5	40.0	–	–	**dB**
	698~4000	5.0	–	–	**dB**

▣ Maximum Ratings

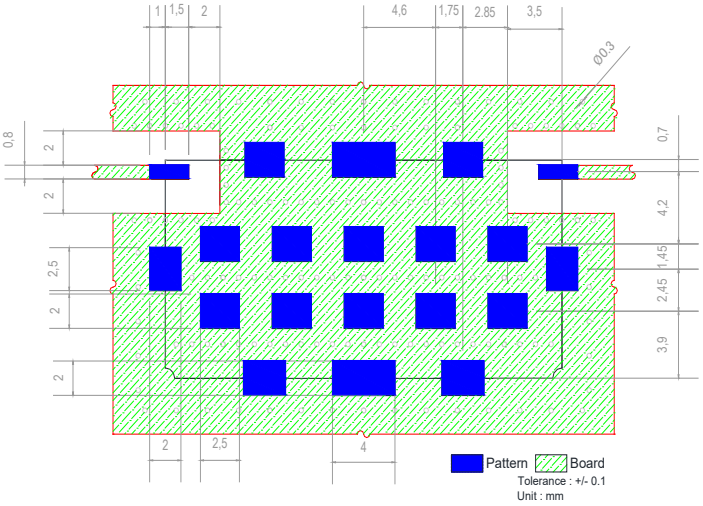
Input Power Handling	3Watt max.
Operating Temperature	-30℃ to 70℃
Storage Temperature	-40℃ to 95℃

- Permanent damage may occur if any of these limits are exceeded.

▣ Dimension



▣ PCB Layout



Zenix
RF& MICROWAVE TOTAL SOLUTION

For product information and a complete list of distributors, please go to our website **www.zenix08.com**

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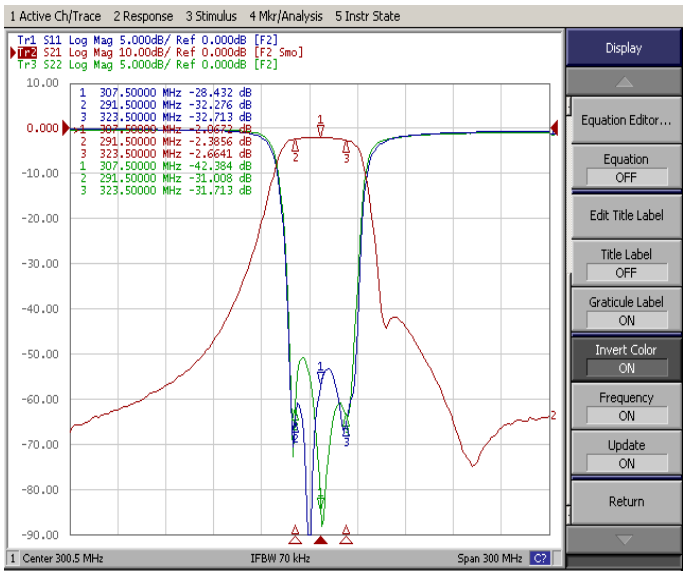
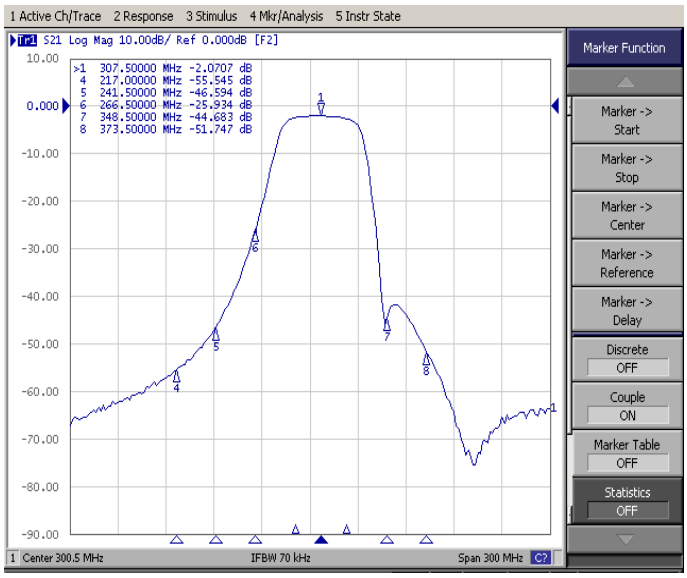
▣ Typical Performance Data at 25°C

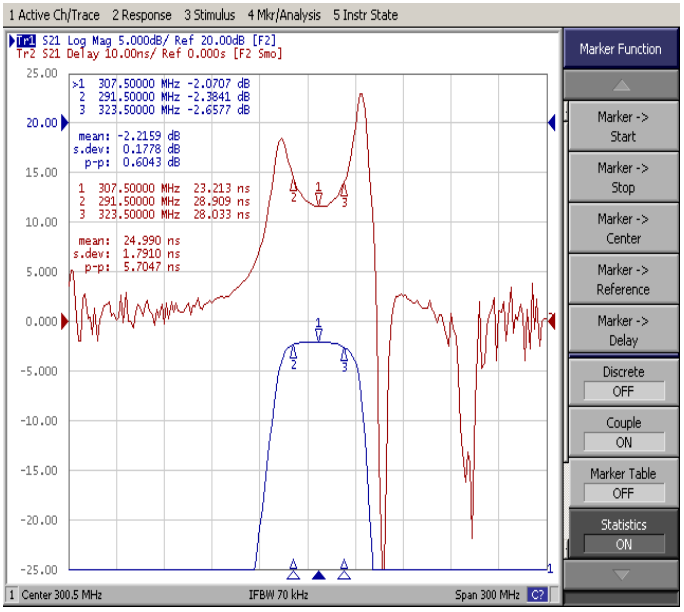
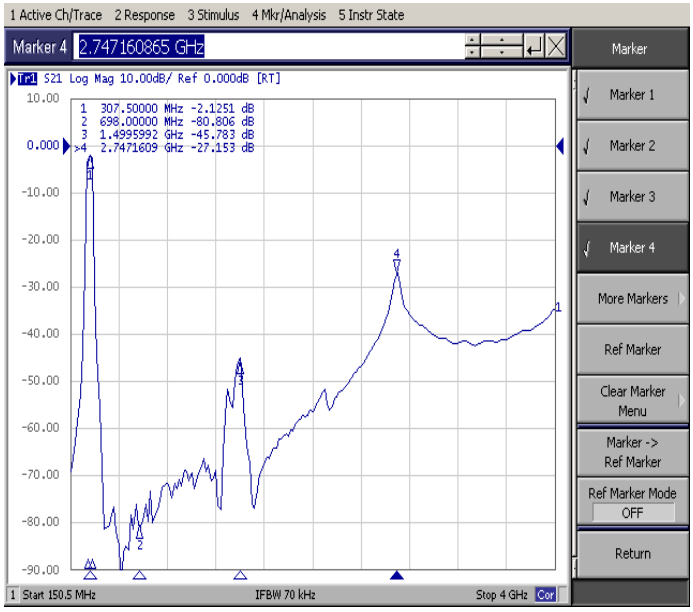
• Insertion Loss , Return Loss , Ripple , Attenuation



• Attenuation



• Group Delay Variation



• Attenuation