

Ceramic Bandpass Filter 50Ω

ZBA-34C-1587RU50C



■ Features

- ROHS Compliant
- High power rating
- High rejection

■ Pricing

Quantity	Unit Price
1 ~ 10	₩ 52,000
11 ~ 24	₩ 49,000
25 ~ 49	₩ 44,000
50 ~ 99	₩ 38,000
100 ~	₩ 28,000

■ Electrical Specifications

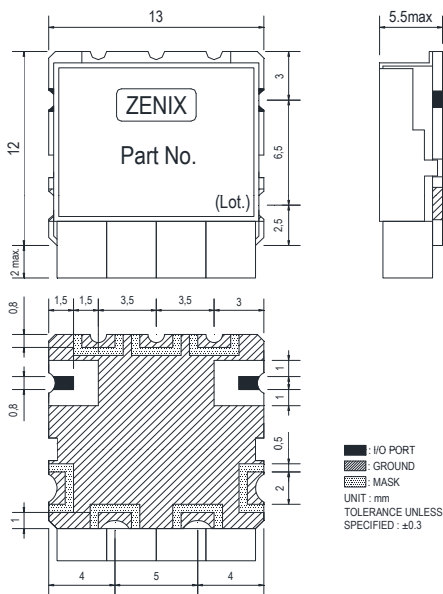
Parameter	Frequency (MHz)	Min.	Typ.	Max.	Unit
Center frequency	1587.5	-	1587.5	-	MHz
Bandwidth	50	1562.5	-	1612.5	MHz
Insertion Loss	1562.5 ~ 1612.5	-	2.5	3.0	dB
Ripple		0.5	1.0	1.5	dB
Return Loss		15.0	17.0	-	dB
Group Delay		-	5.0	50.0	ns
Group Delay Variation		-	5.0	20.0	ns
Attenuation	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

■ Maximum Ratings

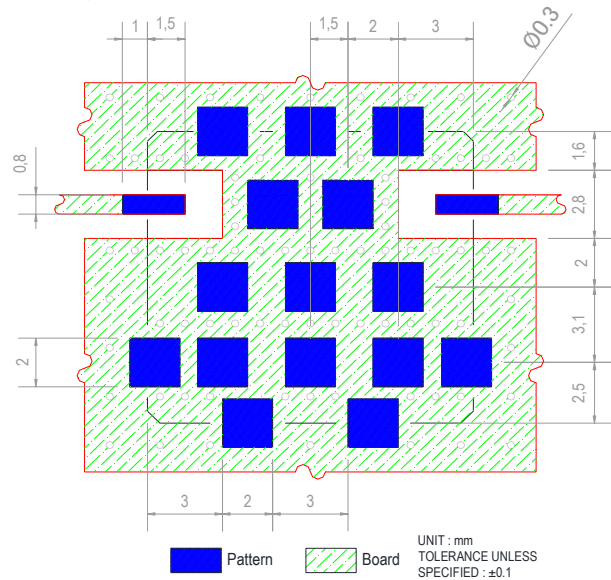
Input Power Handling	3Watt max.
Operating Temperature	-30°C to 70°C
Storage Temperature	-40°C to 95°C

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

■ Dimension



■ PCB Layout



For product information and a complete list of distributors, please go to our website

www.zenix08.com

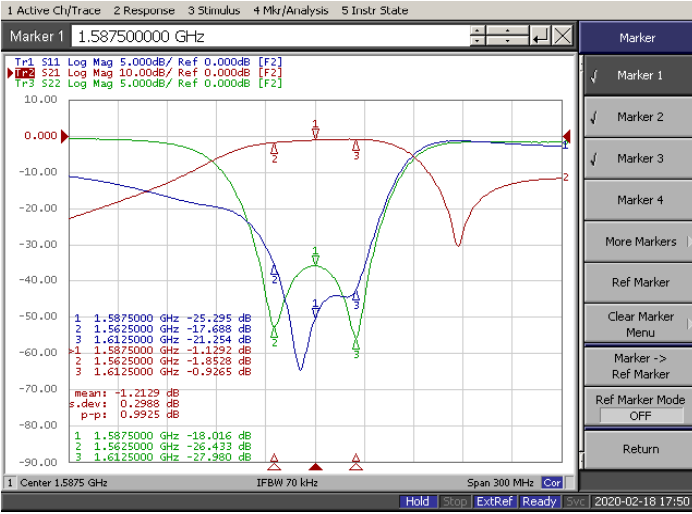
address : (Heungdeok IT Valley Tower-2111) 13, Heungdeok 1-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea 16954

Tel : +82-31-8025-7100

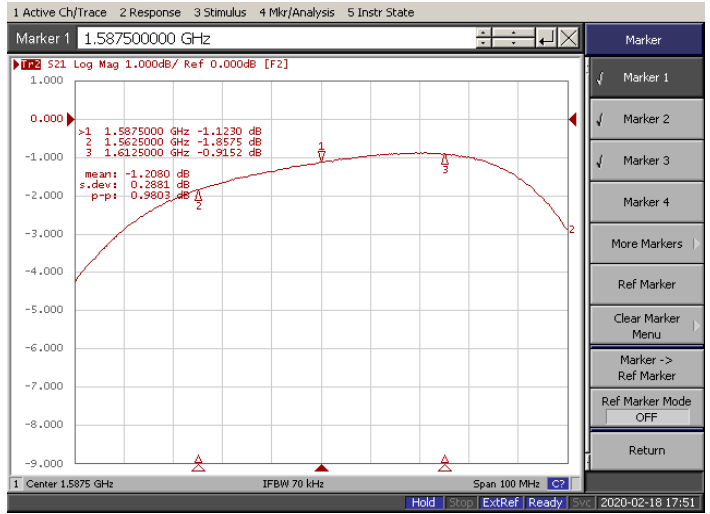
Fax : +82-31-8025-7200

Typical Performance Data at 25°C

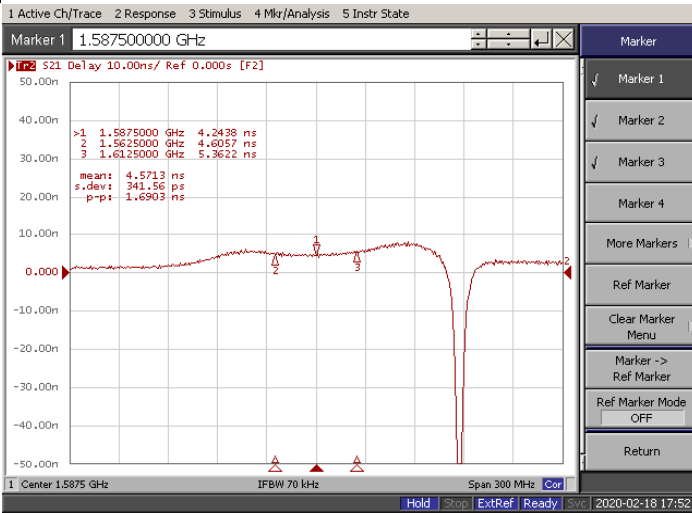
- Insertion Loss, Ripple, Return Loss



- Insertion Loss 1dB Scale



- Group Delay Variation



- S2P Data

Frequency Unit - MHz	Insertion Loss Unit - dB	Return Loss Unit - dB
1340	-38.71	-4.91
1365	-34.69	-5.09
1390	-30.85	-5.24
1415	-27.10	-5.43
1440	-23.22	-5.77
1465	-19.18	-6.70
1490	-14.53	-8.01
1515	-8.91	-9.44
1540	-3.67	-10.89
1565	-1.70	-19.71
1590	-1.10	-23.36
1615	-0.91	-19.76
1640	-3.33	-4.77
1665	-17.47	-0.82
1690	-17.48	-0.81
1715	-12.60	-1.16
1740	-11.52	-1.47
1765	-11.85	-1.58
1790	-13.20	-1.65
1815	-15.12	-1.68



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