

SAW Filter 1290.0MHz

Model: TA0298A

Part No: MP04379

Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC voltage: 5V
3. Operating Temperature: -10°C to +85°C
4. Storage Temperature: -40°C to +95°C

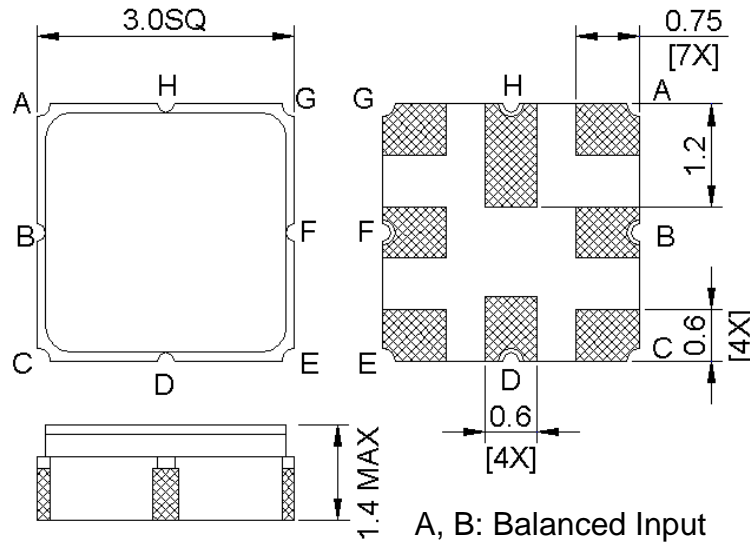
B. ELECTRICAL CHARACTERISTICS:

Item	Min.	Typ.	Max.
Center frequency Fc (MHz)	-	1290	-
Minimum Insertion loss IL (dB)	-	3.5	4.5
Lower 1.5dB band edge (MHz)	-	1276	1281
Upper 1.5dB band edge (MHz)	1299	1302	-
Passband Variation (1281 ~ 1299MHz) (dB)	-	0.9	1.5
Attenuation (Reference level from 0dB)			
D.C. ~ 1190MHz (dB)	35	40	-
1190 ~ 1250MHz (dB)	37	45	-
1250 ~ 1265MHz (dB)	25	38	-
1315 ~ 1330MHz (dB)	25	38	-
1330 ~ 1900MHz (dB)	37	51	-
1900 ~ 4000MHz (dB)	35	37	-
Group Delay Variation (1281 ~ 1299MHz) (nS)	-	11	75
Source impedance Z _S (Ω)	-	100 diff.	-
Load impedance Z _L (Ω)	-	100 diff.	-

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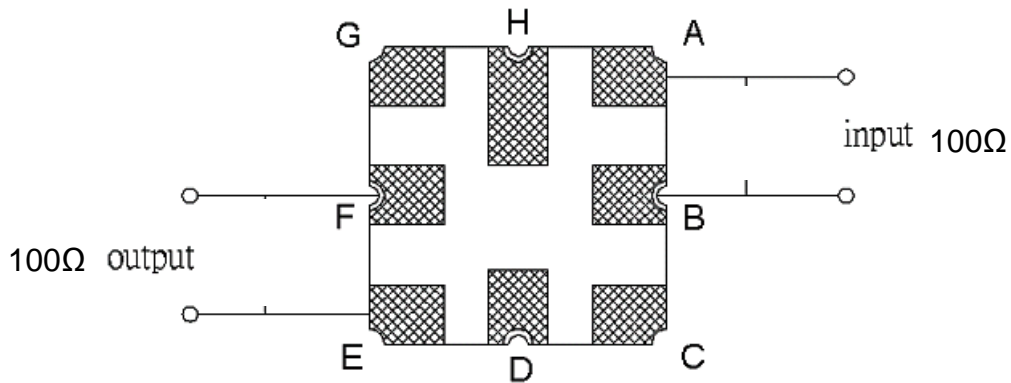
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C. OUTLINE DRAWING:

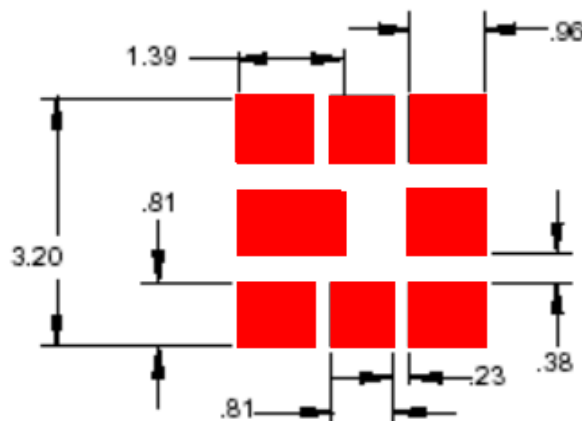


A, B: Balanced Input
 E, F: Balanced Output
 C, D, G, H: Ground
 Unit: mm

D. MEASUREMENT CIRCUIT:



E. PCB FOOTPRINT:

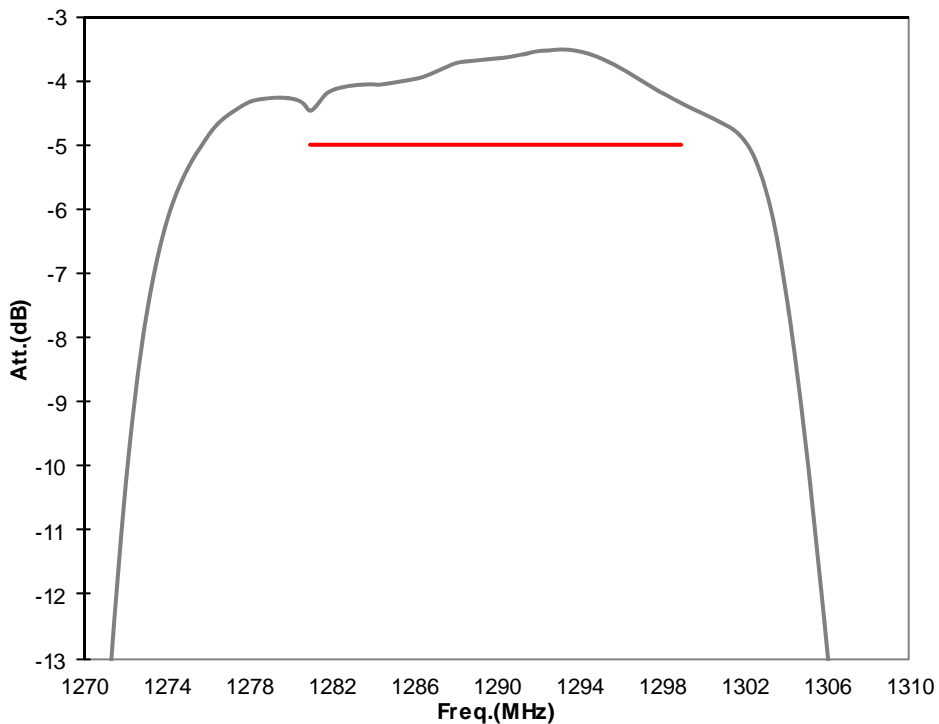
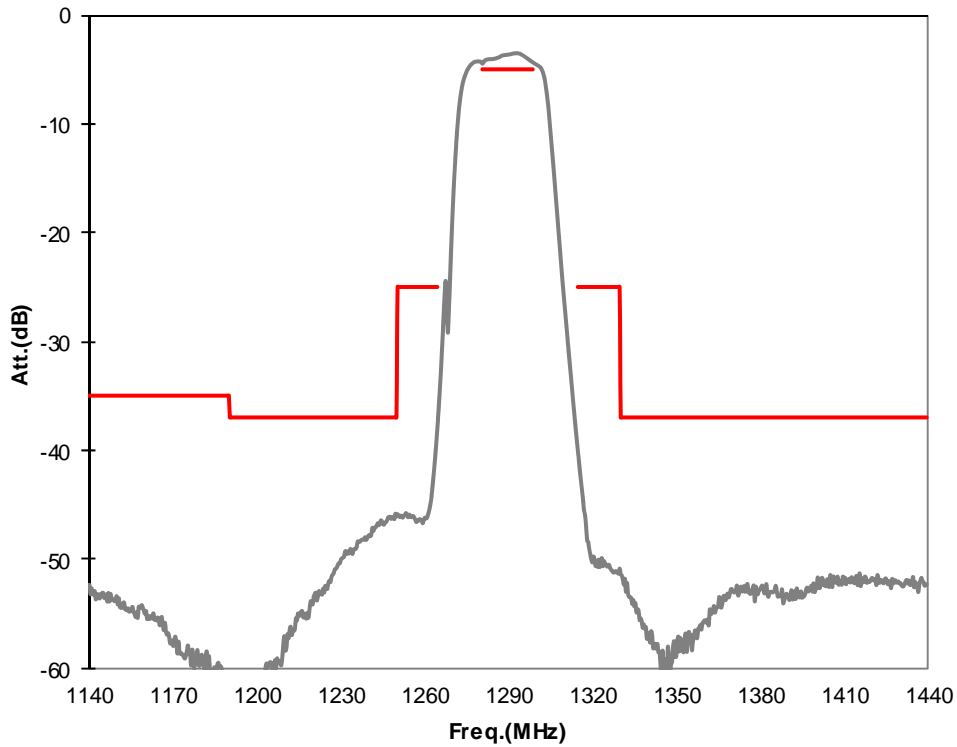


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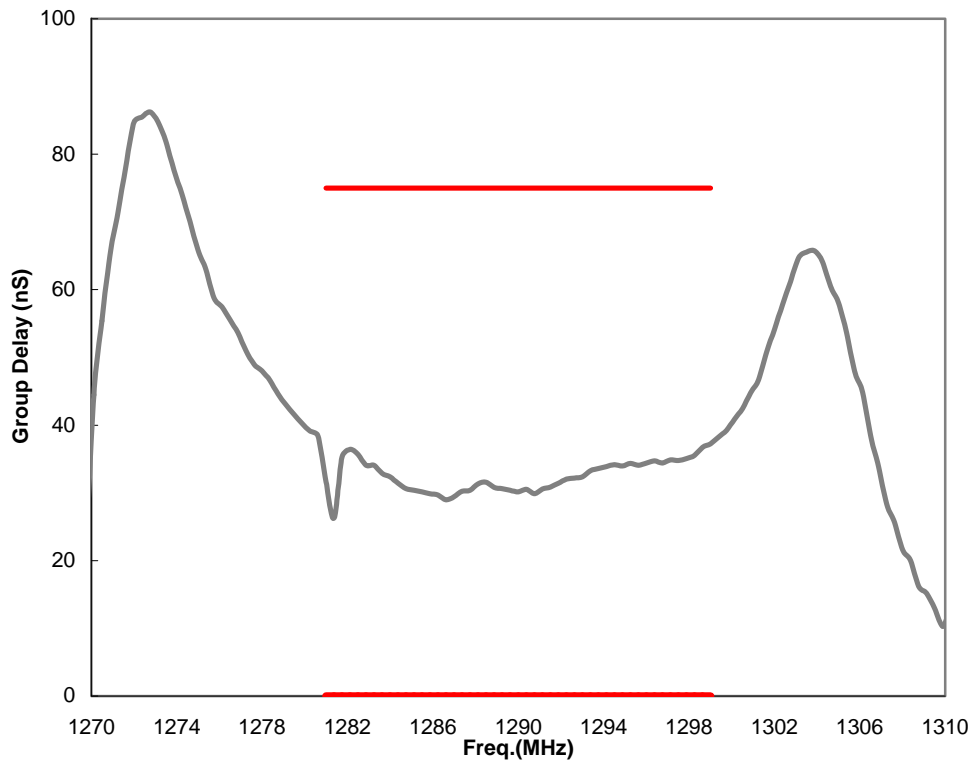
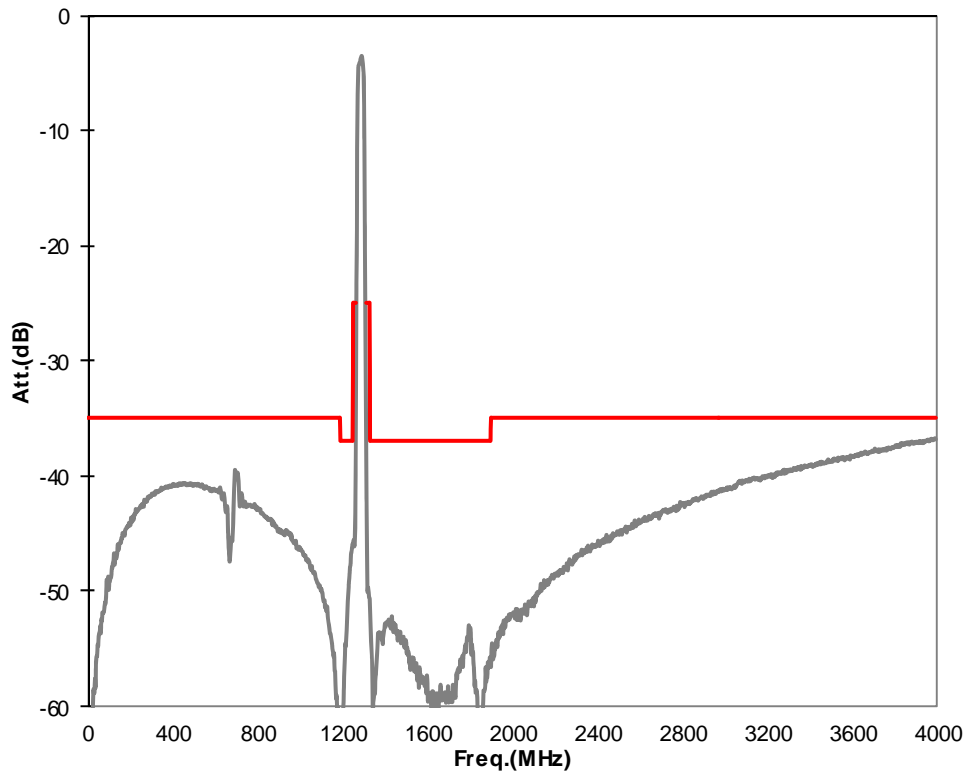
F. FREQUENCY CHARACTERISTICS:

Transfer function



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H. RECOMMENDED REFLOW PROFILE:

