

SAW Filter 1690MHz
Part No: MP03287

Model: TA1125A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: +10dBm
2. DC Voltage: 3V
3. Operating Temperature: 0°C to +70°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Terminating source impedance (Balanced): $Z_S = 190\Omega$ (and matching network)

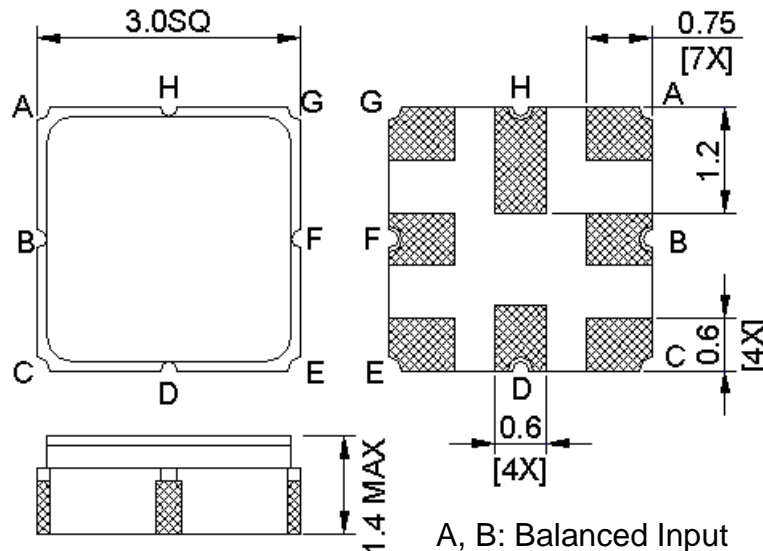
Terminating load impedance (Balanced): $Z_L = 190\Omega$ (and matching network)

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency F_c	MHz	-	1690	-	-
Insertion Loss (1681.2 ~ 1698.8 MHz) IL	dB	-	3.4	4.5	-
Bandwidth at -3dB	MHz	-	32.5	-	-
Bandwidth at -10dB	MHz	-	39.5	-	-
Amplitude ripple in any 6.5MHz band (1681.2 ~ 1698.8MHz)	dB	-	0.4	1	-
Group Delay Ripple (1681.2 ~ 1698.8MHz)	ns	-	6	-	-
Attenuation (Reference level from 0dB)					
1577 ~ 1626MHz	dB	50	55	-	-

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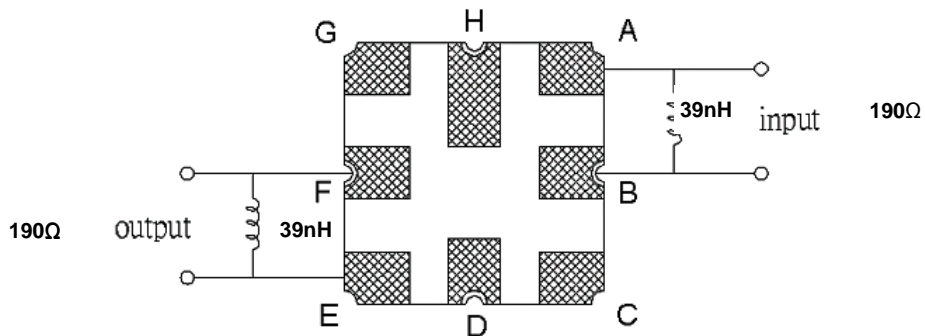
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C. OUTLINE DRAWING:

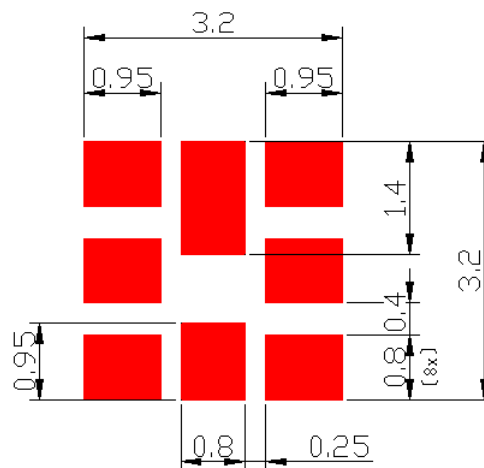


A, B: Balanced Input
 E, F: Balanced Output
 C, D, G, H: Ground
 Unit: mm

D. MEASUREMENT CIRCUIT:



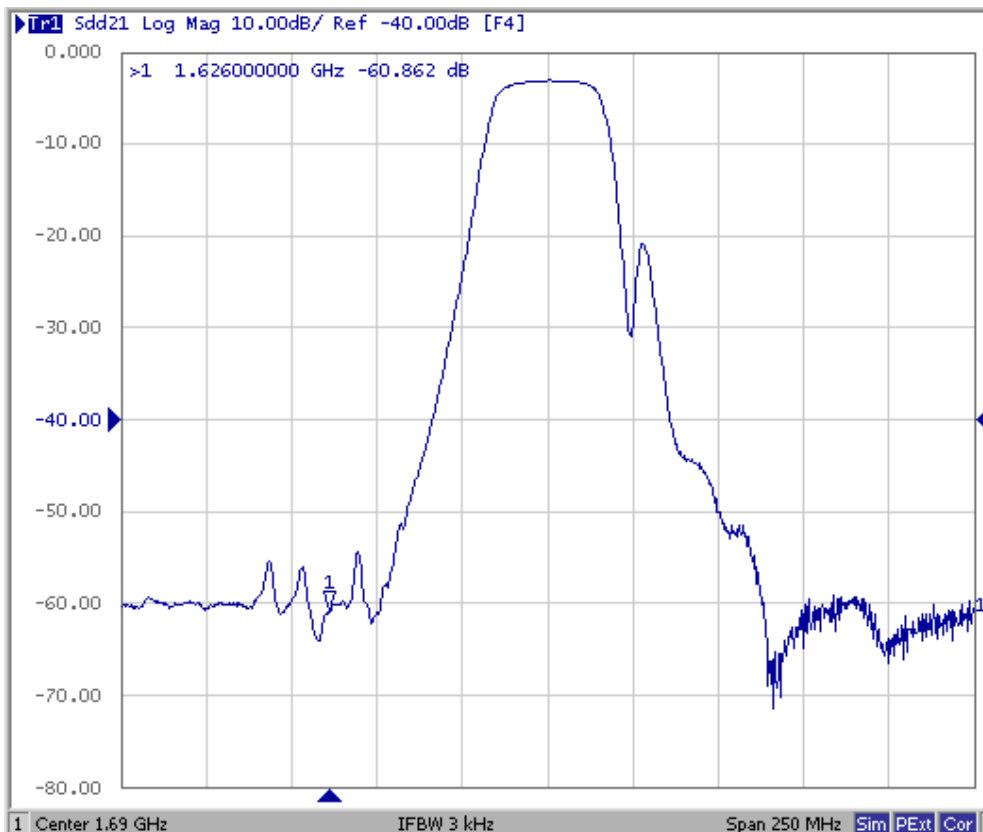
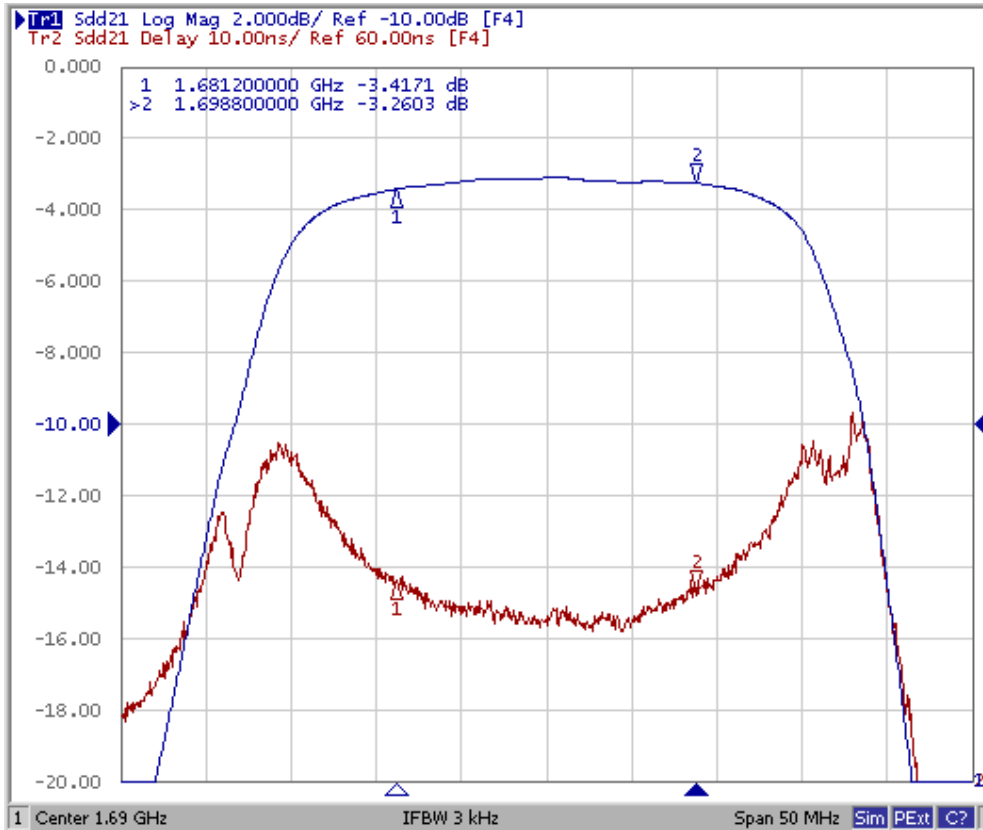
E. PCB FOOTPRINT:



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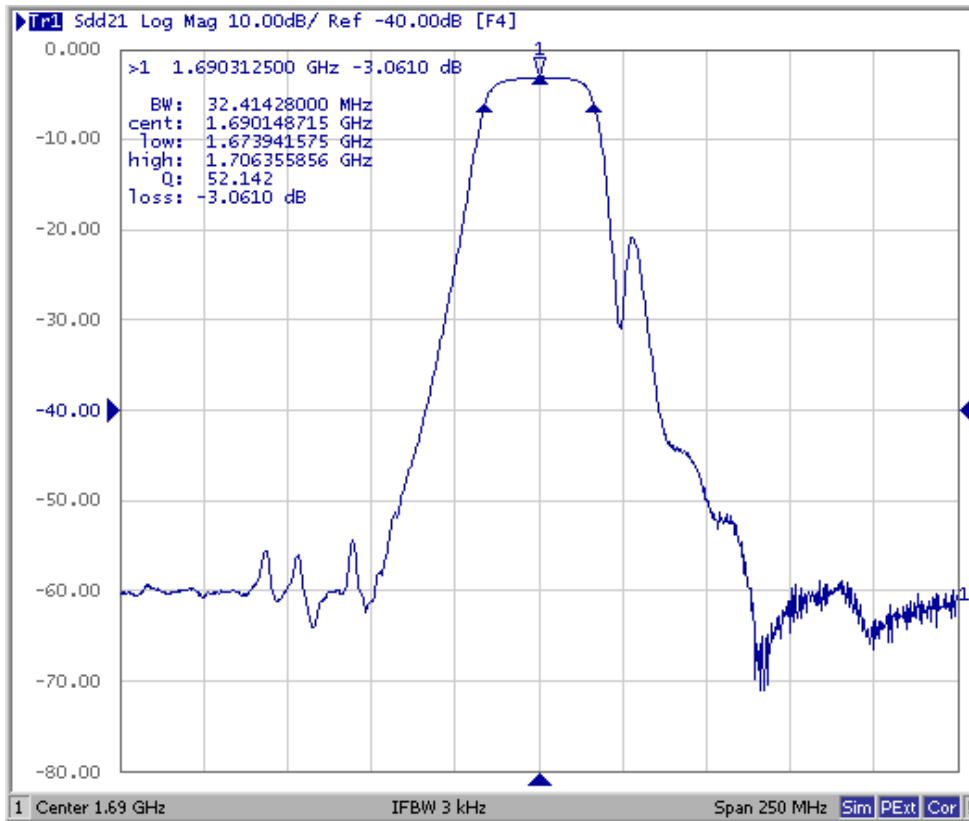
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F. FREQUENCY CHARACTERISTICS:



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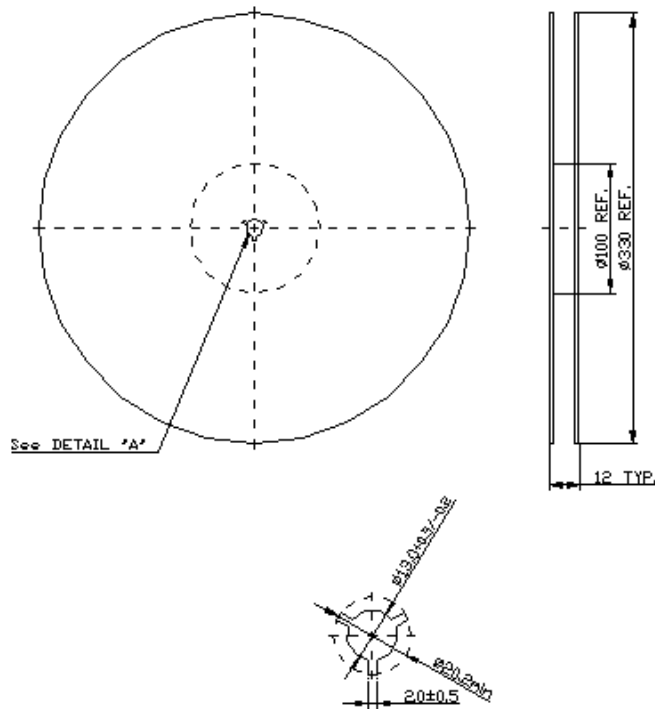
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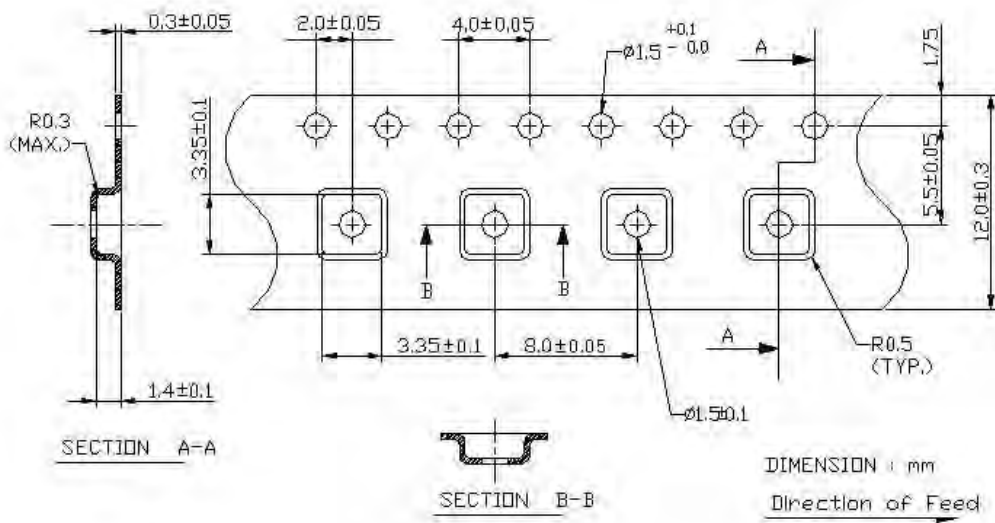
G. PACKING:

1. REEL DIMENSION

(Reel Count: 7" = 1000; 13" = 3000)



2. TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE:

