

**SAW Filter 1150 MHz**

**Model: TA0620A**

**Part No: MP02421**

**REV NO.: 1**

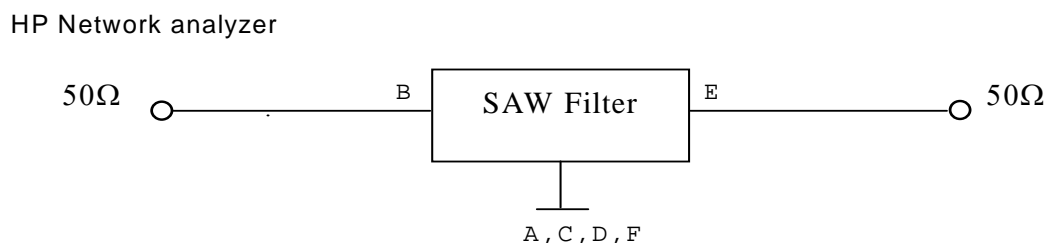
**A. MAXIMUM RATING:**

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -30°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1150	-	-
Min. Insertion loss IL	dB	-	1.7	3	-
1 dB bandwidth BW <sub>1</sub>	MHz	32	38	-	-
3 dB bandwidth BW <sub>3</sub>	MHz	33.5	43	-	-
35 dB bandwidth BW <sub>35</sub>	MHz	-	80	90	-
Ripple in 27 MHz BW	dB	-	0.4	0.8	-
Return Loss	dB	10	13	-	-
GDV in 27 MHz BW	ns	-	20	40	-
Temp tolerance	ppm/°C	-	36	-	-

**C. MEASUREMENT CIRCUIT:**



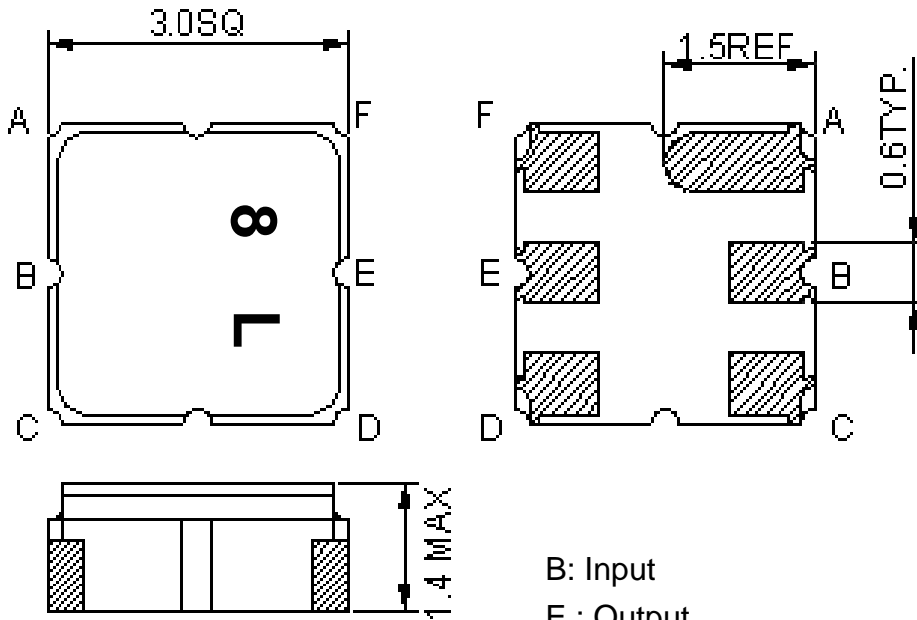
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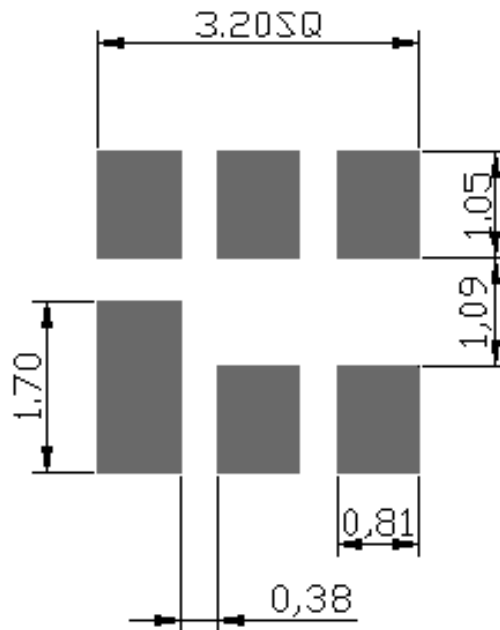
**D. OUTLINE DRAWING:**



B: Input  
 E : Output  
 A,C,D,F : Ground

Unit : mm

**E. PCB FOOTPRINT:**



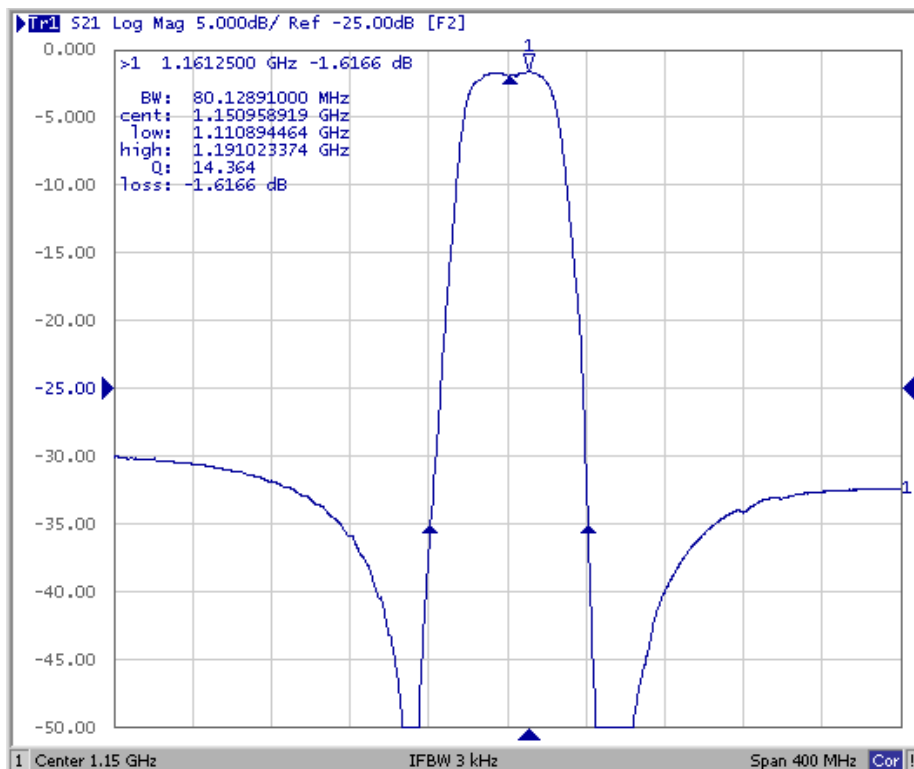
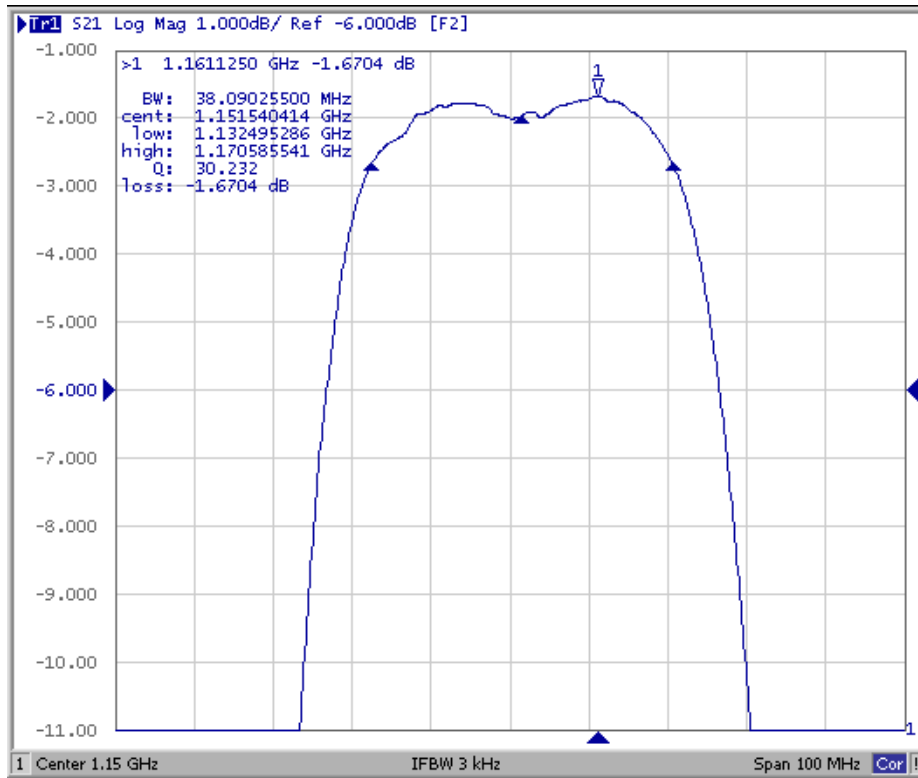
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**F. FREQUENCY CHARACTERISTICS:**

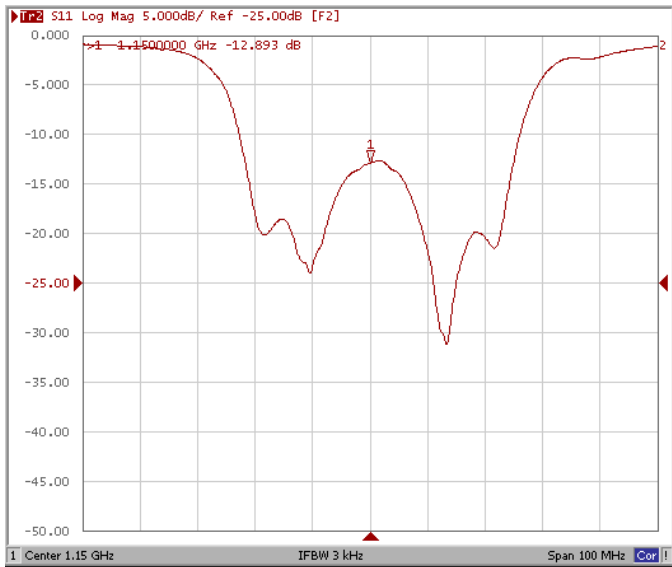


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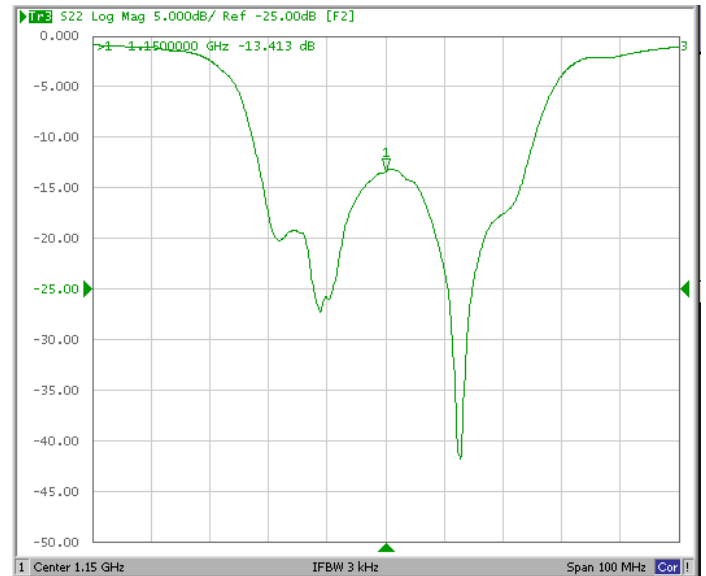
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**Reflection Functions :**

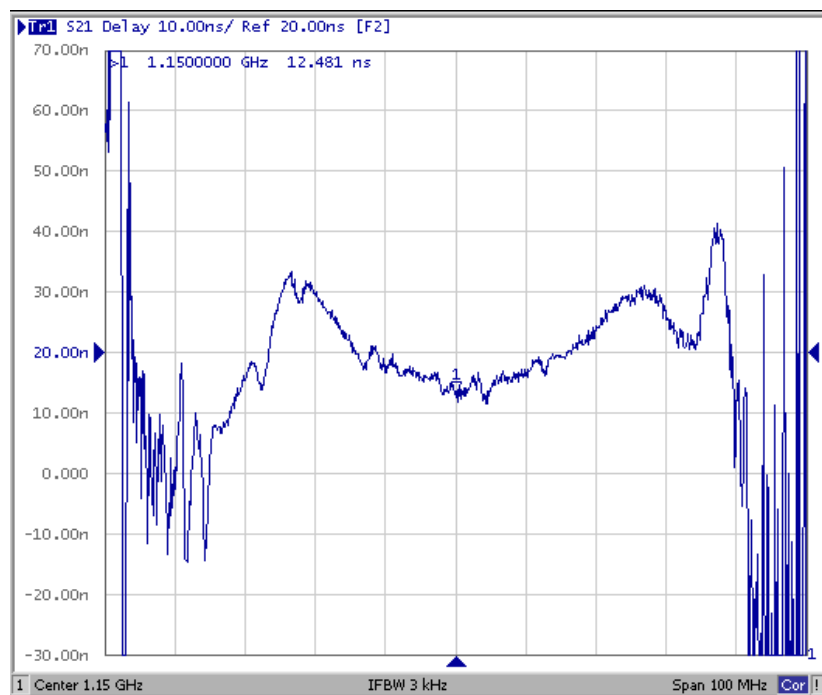
**S11**



**S22**



**Group delay**



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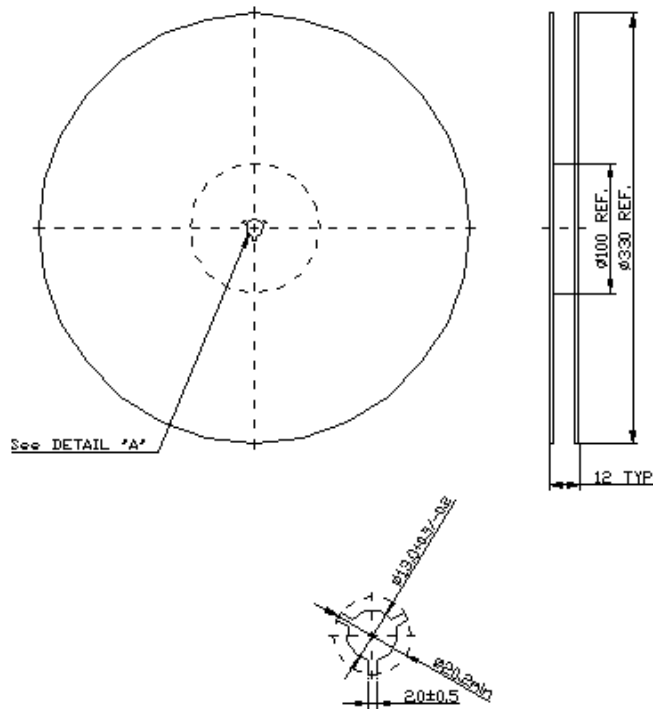
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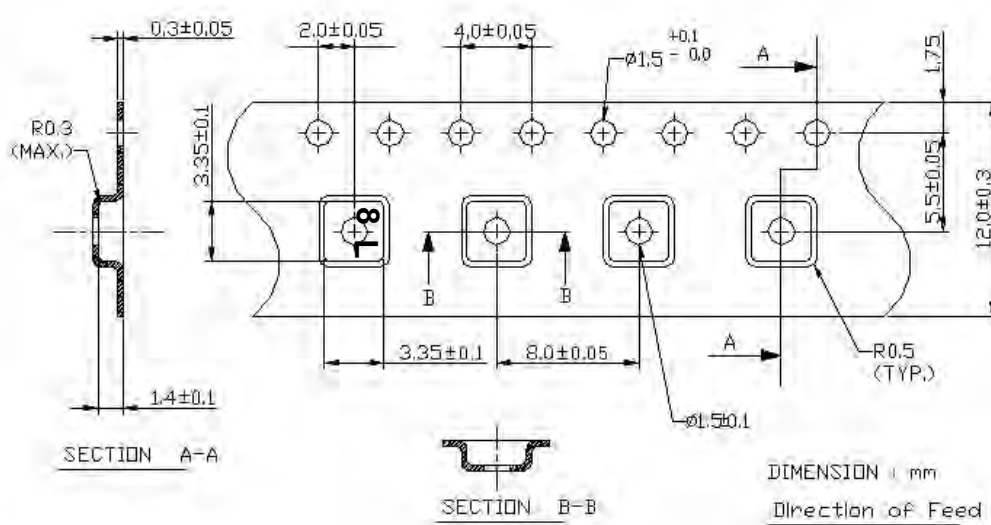
**G. PACKING:**

**1. REEL DIMENSION**

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



**2. TAPE DIMENSION**



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**H. RECOMMENDED REFLOW PROFILE :**

