

**SAW Filter 2427MHz**  
**Part No: MP03155**

**Model: TA1070A**  
**Rev No: 1**

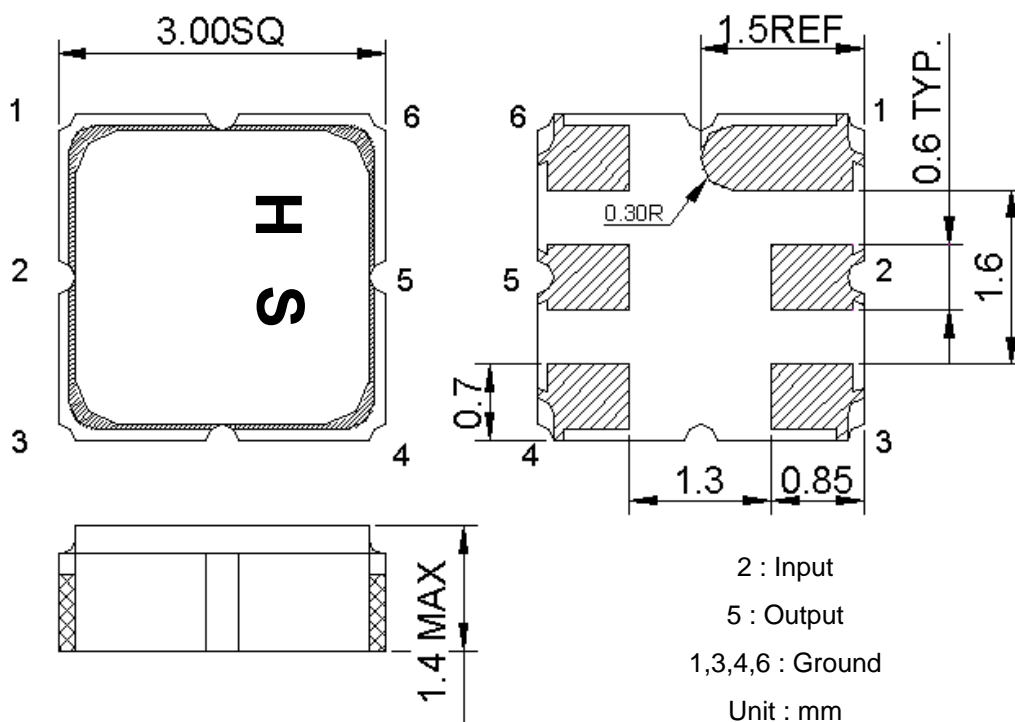
**A. MAXIMUM RATING:**

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	2427	-	-
Insertion loss (2400~2455 MHz) IL	dB	-	3	4	-
Amplitude Ripple (2400~2455 MHz)	dB	-	1.8	2.5	-
Return Loss (2400~2455 MHz)	dB	9.2	12	-	-
Attenuation (Reference level from 0 dB)					
800 ~ 1900 MHz	dB	30	33	-	-
1900 ~ 2250 MHz	dB	35	38	-	-
2496 ~ 2690 MHz	dB	30	43	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-	-

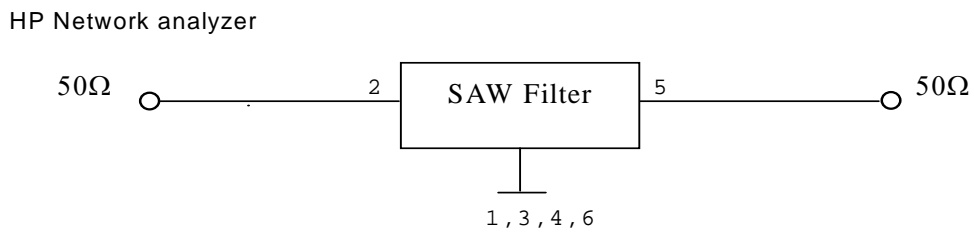
**C. OUTLINE DRAWING:**



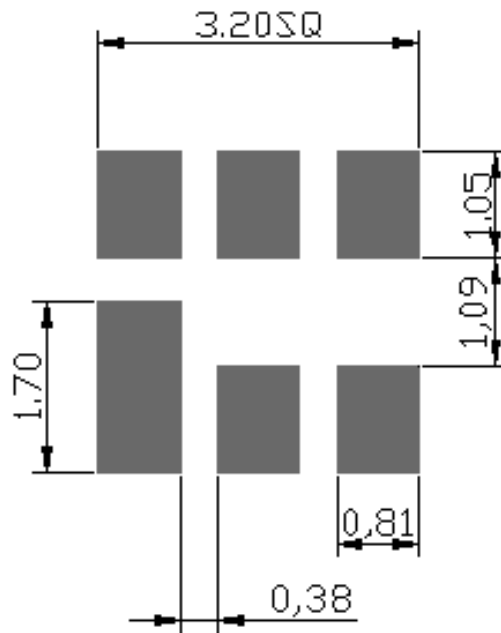
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**D. MEASUREMENT CIRCUIT:**



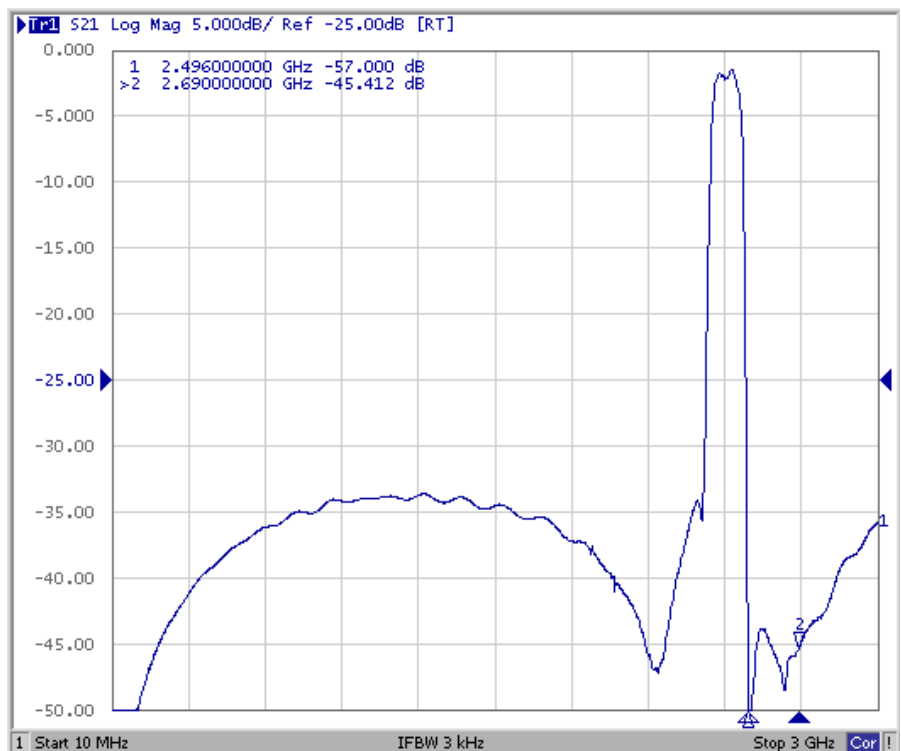
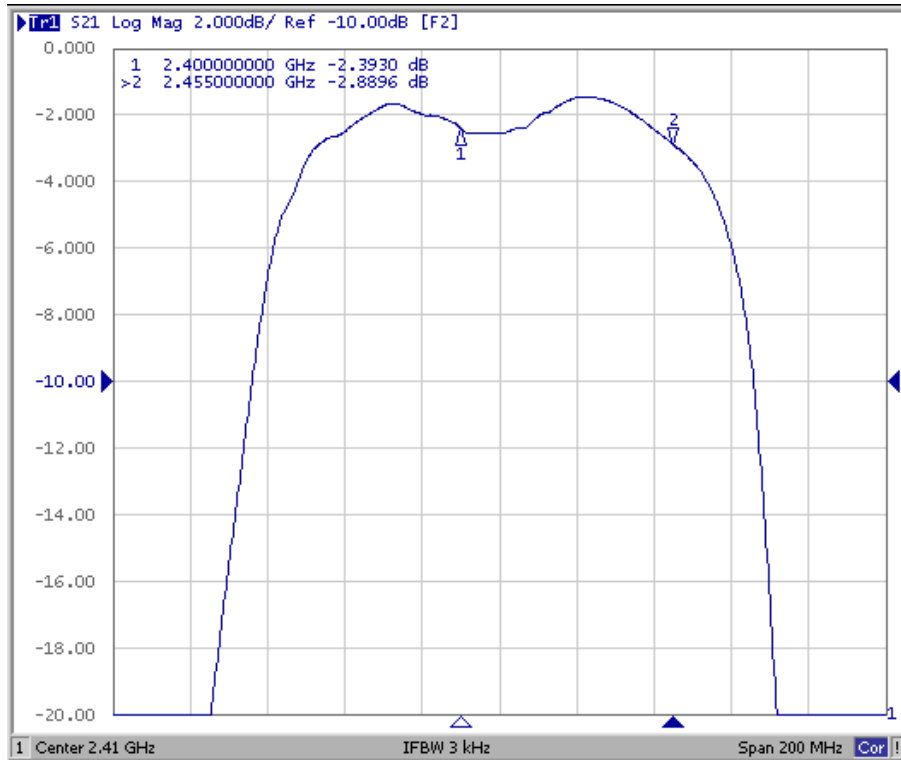
**E. PCB FOOTPRINT:**



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**F. FREQUENCY CHARACTERISTICS:**

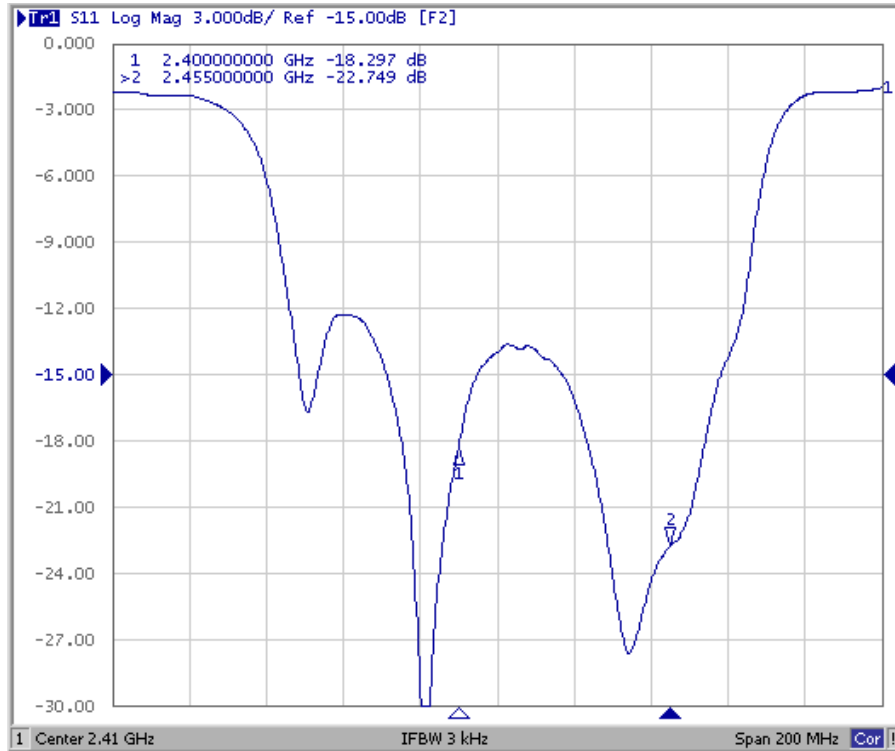


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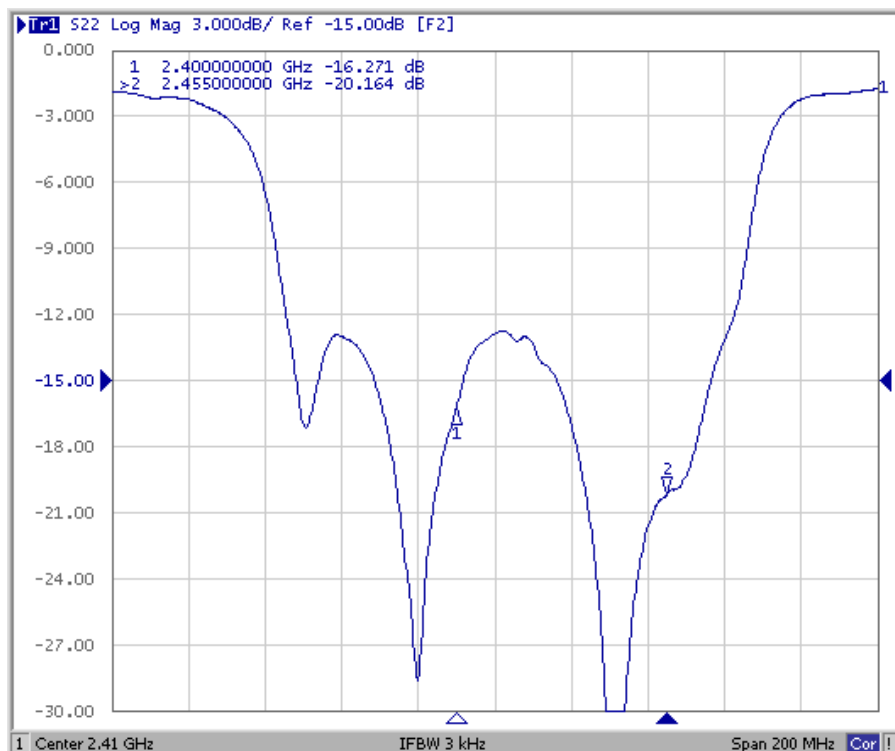
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**Reflection Functions :**

**S11**



**S22**



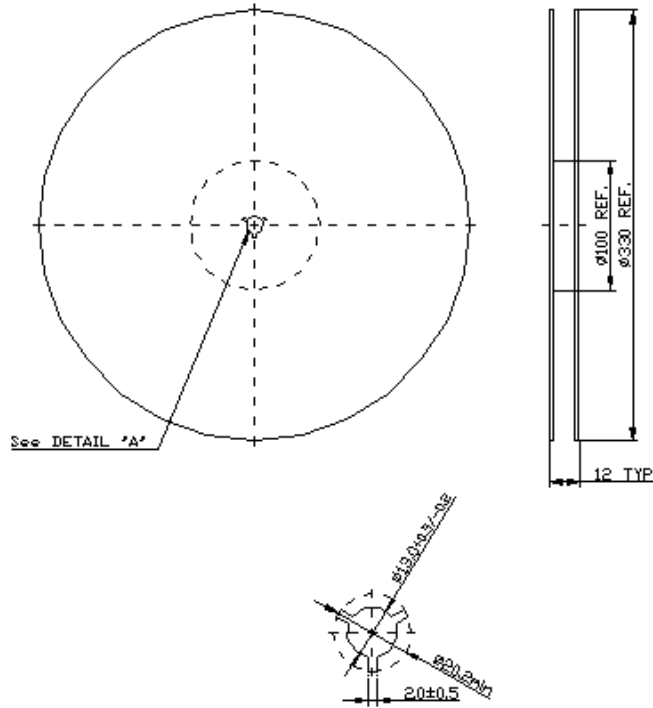
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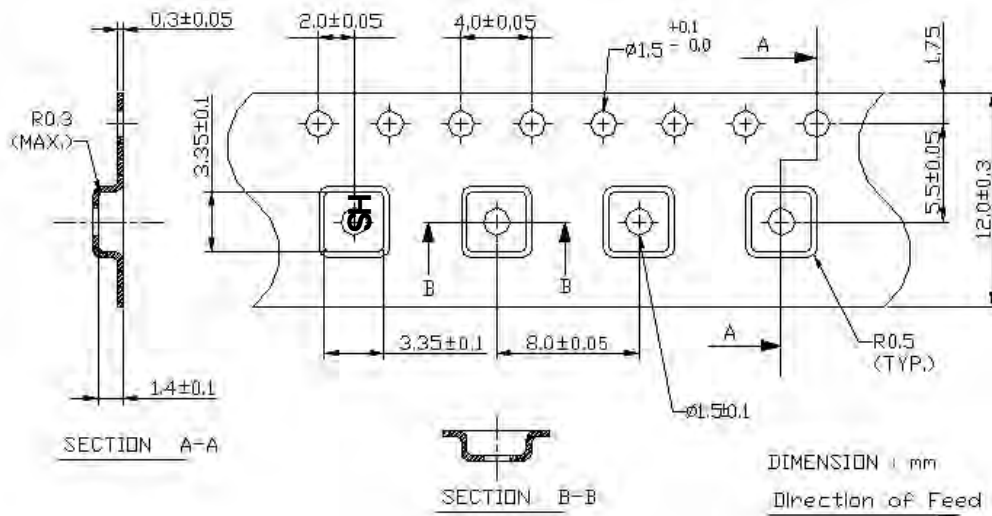
**G. PACKING:**

**1. REEL DIMENSION**

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



**2.TAPE DIMENSION**



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**H. RECOMMENDED REFLOW PROFILE :**

