

**SAW Filter 2017MHz**  
**Part No: MP02458**

**Model: TA0724A**  
**Rev No: 2**

**A. MAXIMUM RATING:**

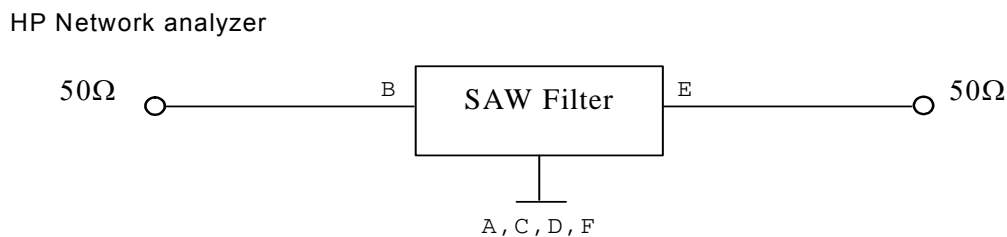
Electrostatic Sensitive Device

1. Input Power Level: 10dBm
2. DC voltage: 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Min.	Typ.	Max.
Center frequency Fc (dB)	-	2017	-
Insertion loss within 2007 ~ 2026MHz IL (dB)	-	1.9	4
Amplitude ripple (p-p) within 2007 ~ 2026MHz (dB)	-	0.4	2.0
Attenuation (Reference level from 0dB)			
D.C. ~ 470MHz (dB)	20	35	-
470 ~ 1800MHz (dB)	18	30	-
1800 ~ 1940MHz (dB)	22	34	-
2110 ~ 2200MHz (dB)	24	36	-
2200 ~ 4000MHz (dB)	22	35	-
Source impedance Z <sub>S</sub> (Ω)	-	50	-
Load impedance Z <sub>L</sub> (Ω)	-	50	-

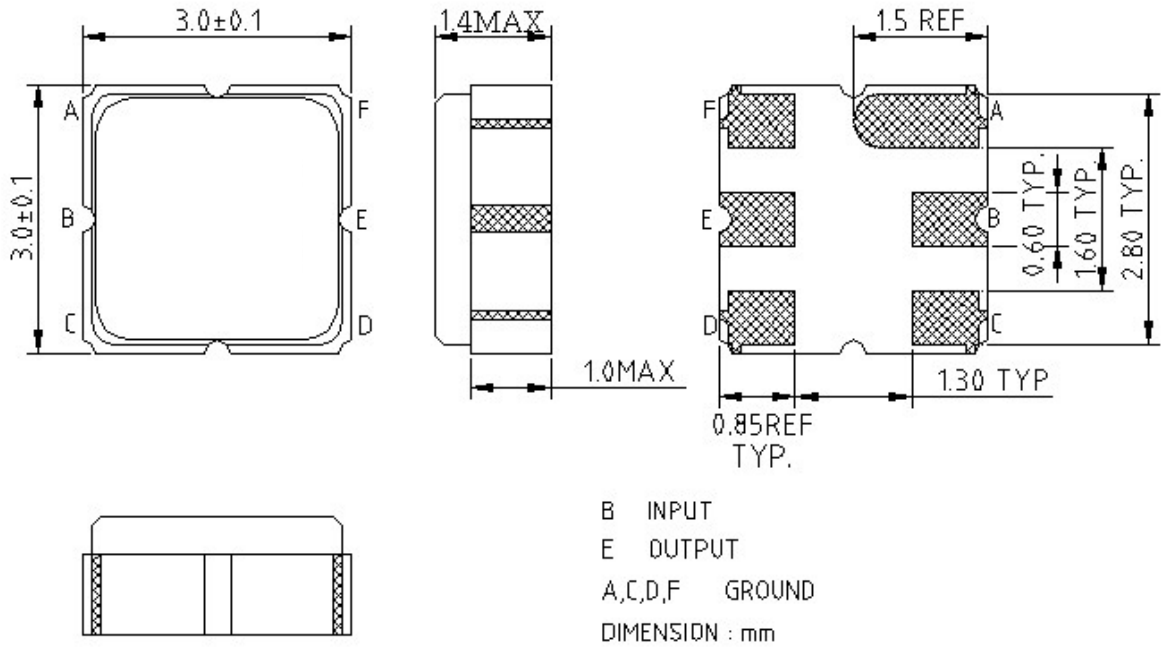
**C. MEASUREMENT CIRCUIT:**



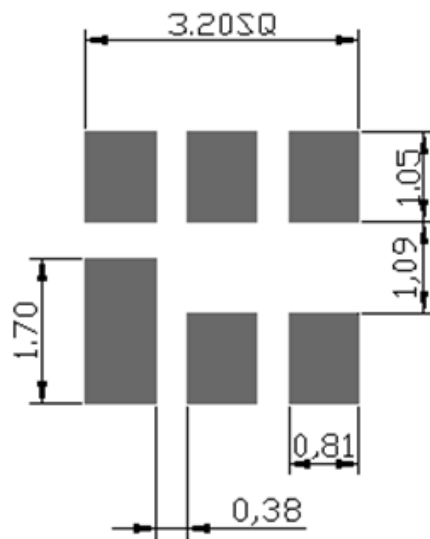
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**D. OUTLINE DRAWING:**



**E. PCB FOOTPRINT:**

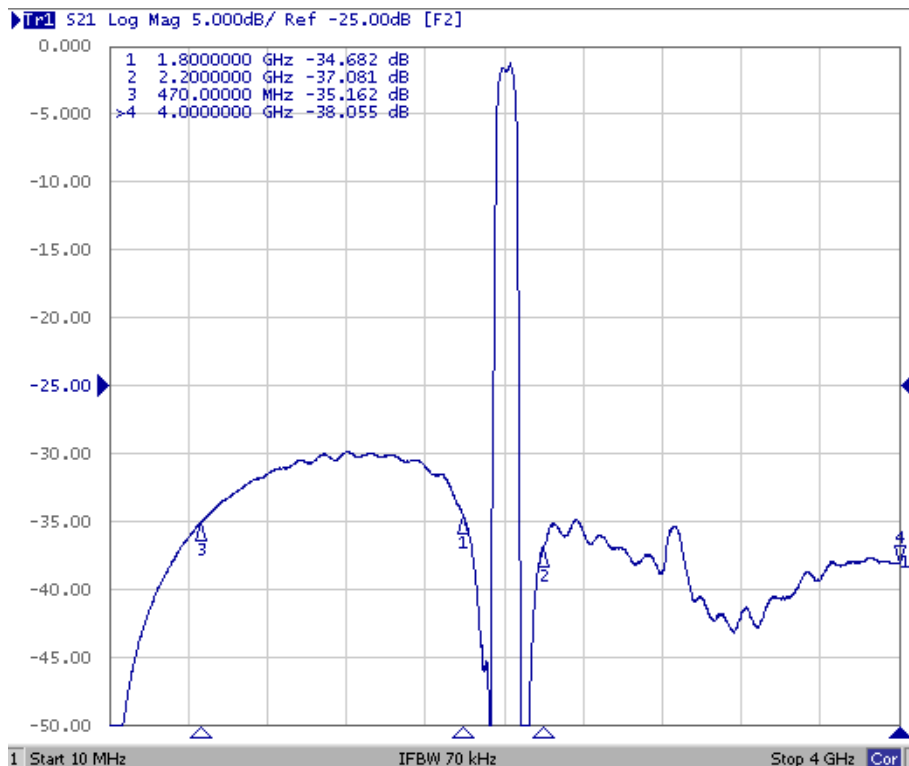
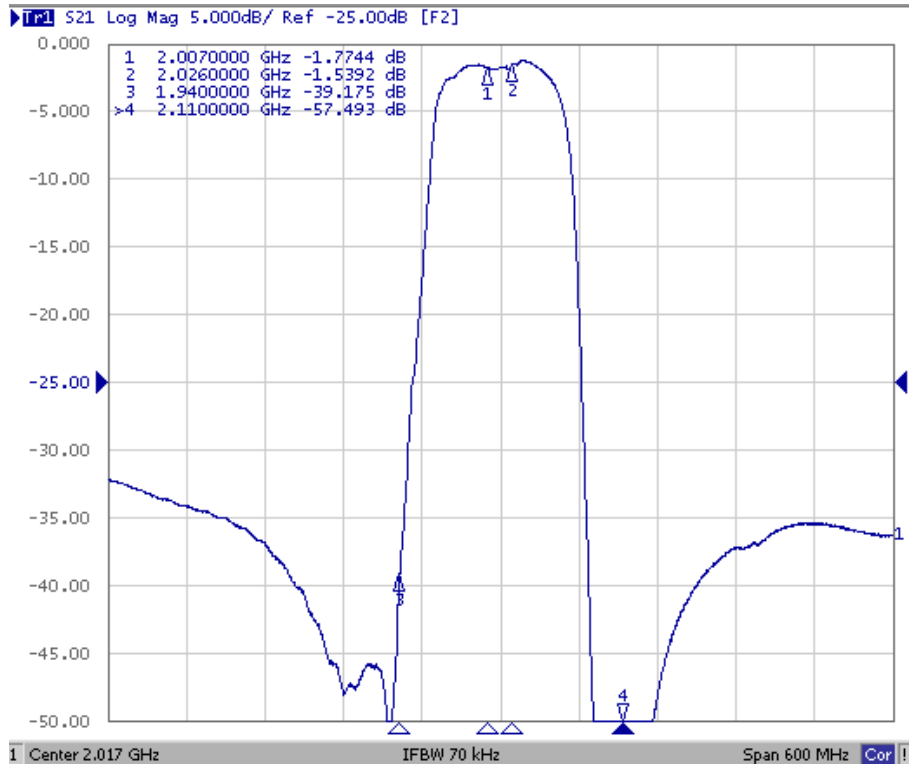


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**F. FREQUENCY CHARACTERISTICS:**

1. Transfer function

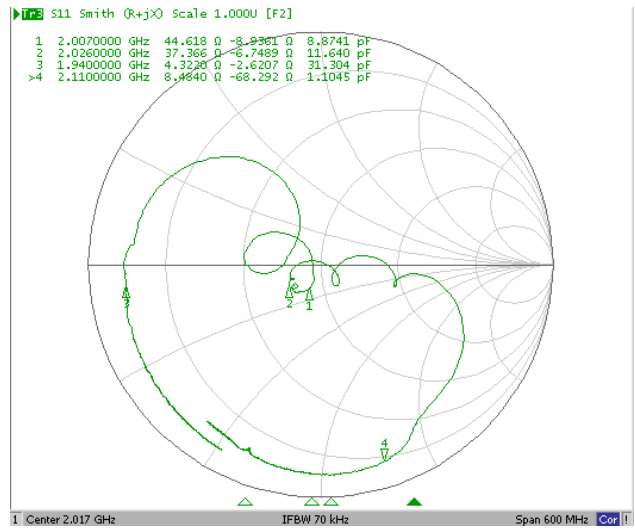
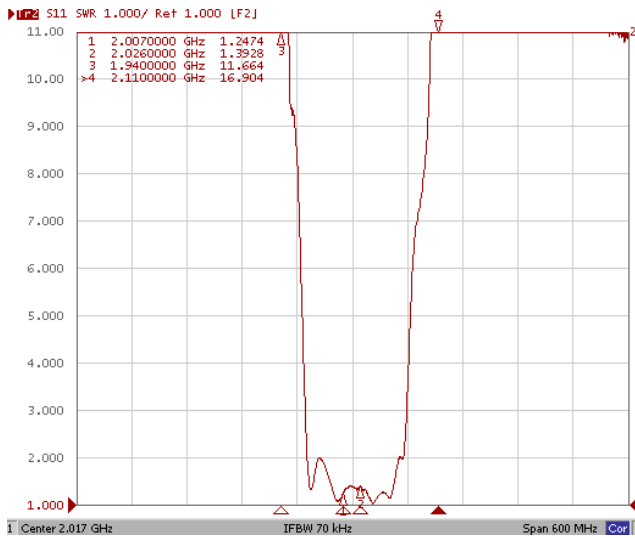


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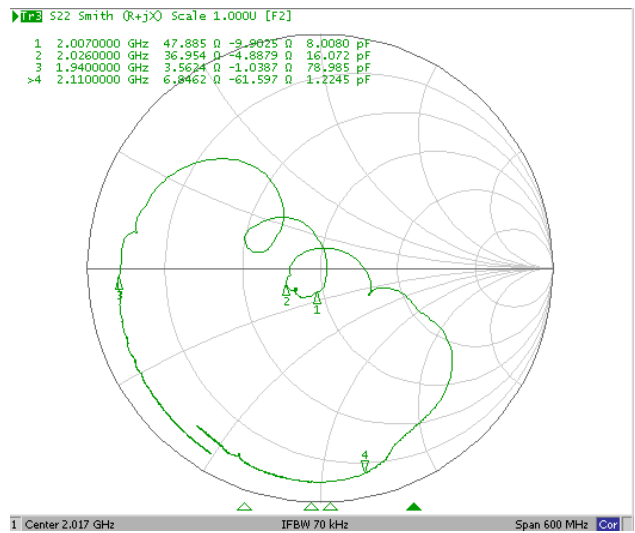
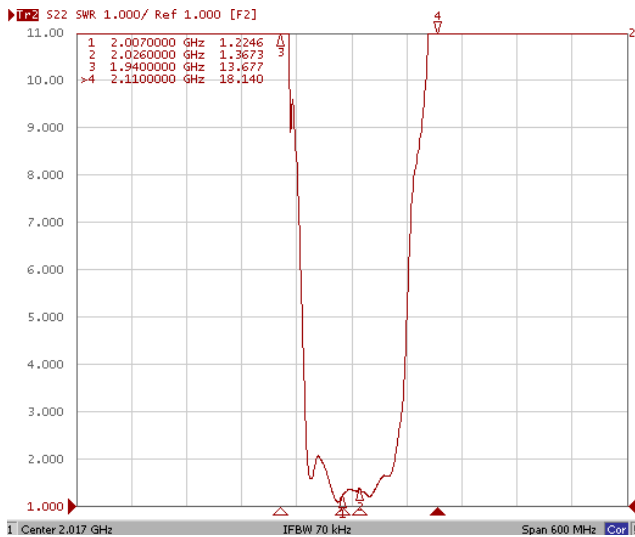
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2. Reflection Functions

S11



S22

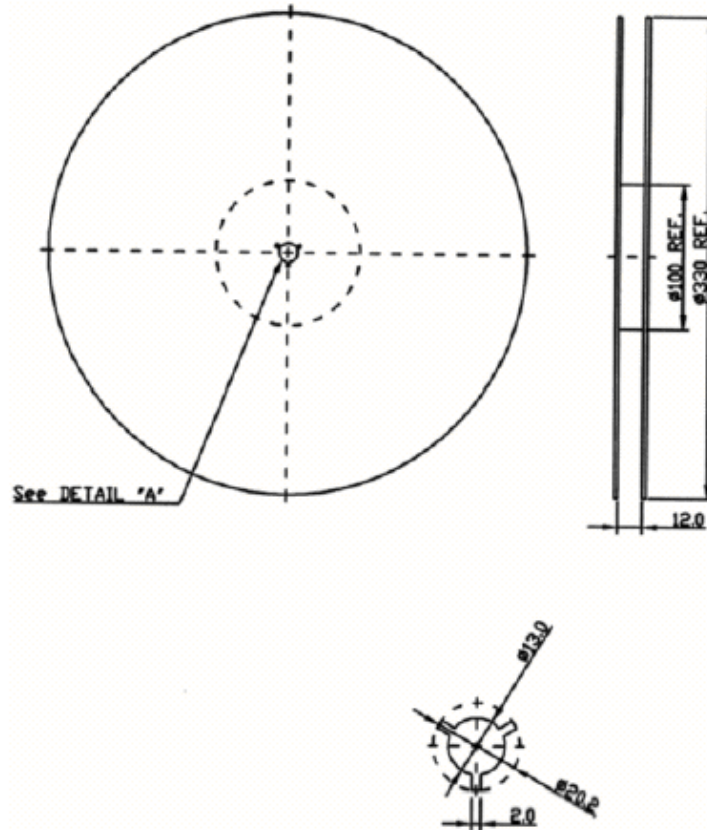


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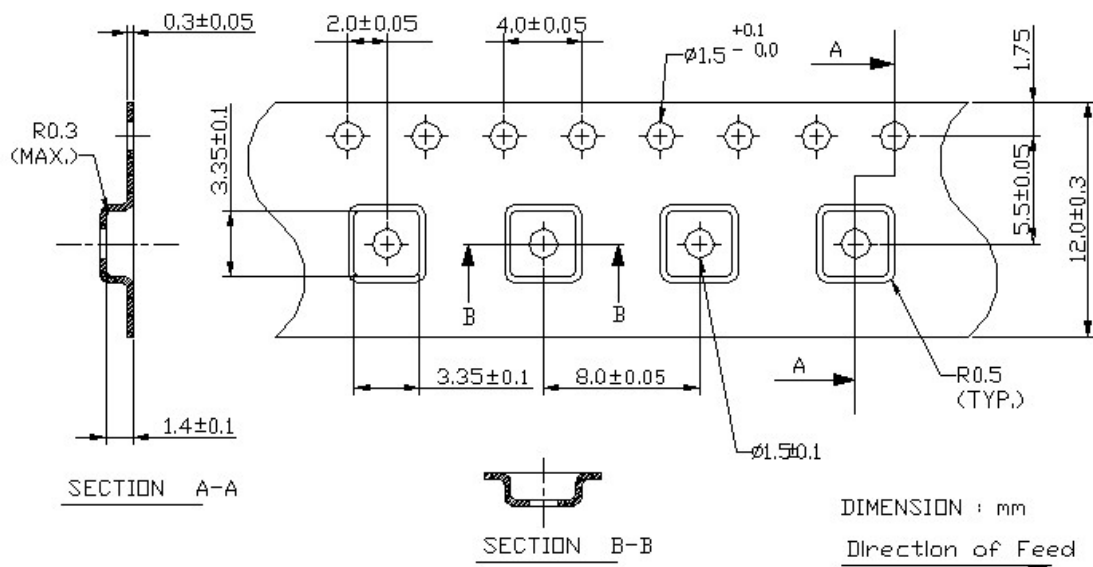
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**G. PACKING:**

1. Reel Dimension (Please refer to FR-75D10 for packing quantity)



2. Tape Dimension



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**H. RECOMMENDED REFLOW PROFILE:**

