

**SAW Filter 707.0MHz**  
**Part No: MP03419**

**Model: TA1089A**  
**Rev No: 1**

**A. MAXIMUM RATING:**

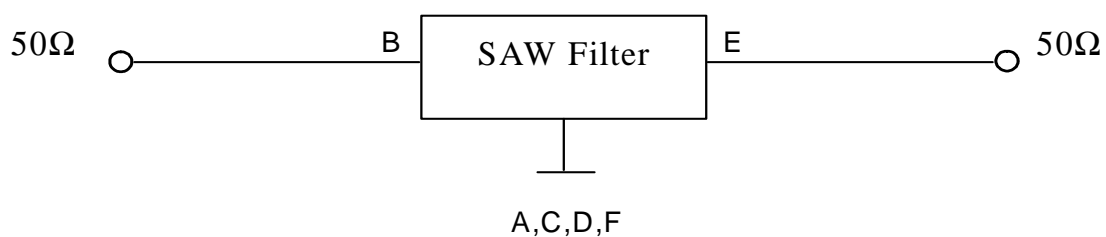
1. Input Power Level: 20dBm
2. DC Voltage: 0V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	707	-
Insertion Loss (698 ~ 716MHz) IL	dB	-	2.1	3.0
Amplitude Ripple (698 ~ 716MHz)	dB	-	0.5	1.5
Return Loss (698 ~ 716MHz)	dB	7	13	-
Attenuation (Reference level from 0dB)				
10 ~ 680MHz	dB	30	50	-
745 ~ 978MHz	dB	30	42	-
978 ~ 996MHz	dB	35	58	-
996 ~ 2700MHz	dB	25	29	-

**C. MEASUREMENT CIRCUIT:**

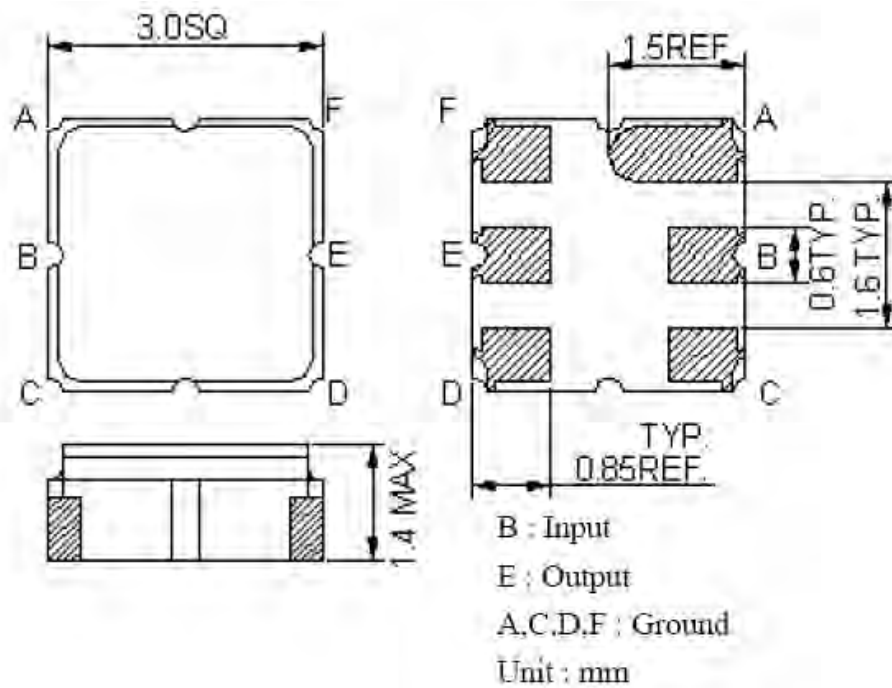
HP Network analyzer



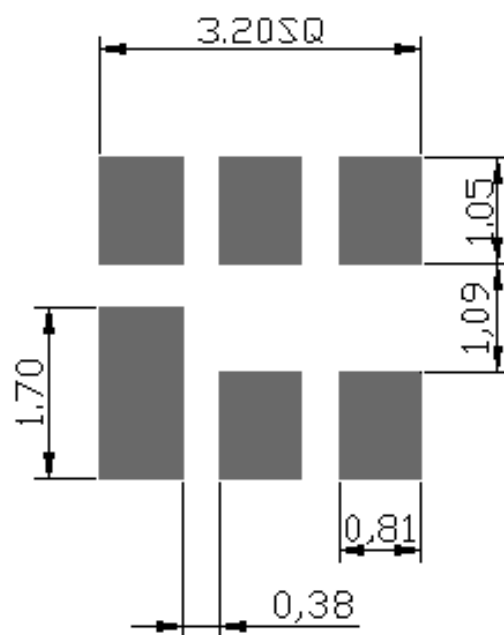
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**D. OUTLINE DRAWING:**



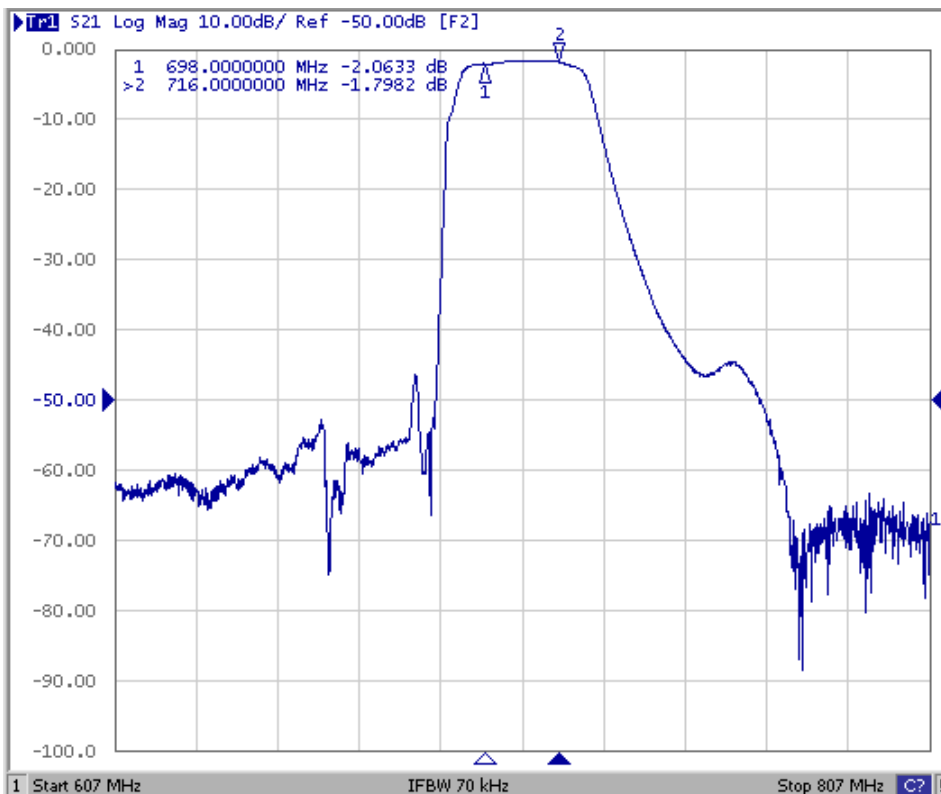
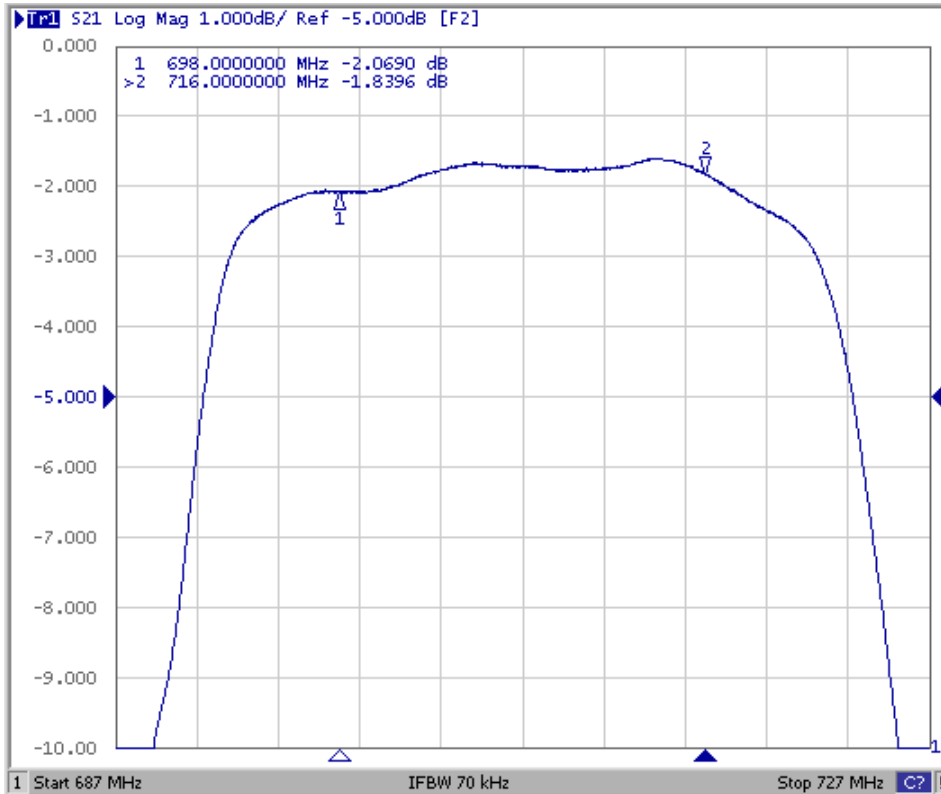
**E. PCB FOOTPRINT:**



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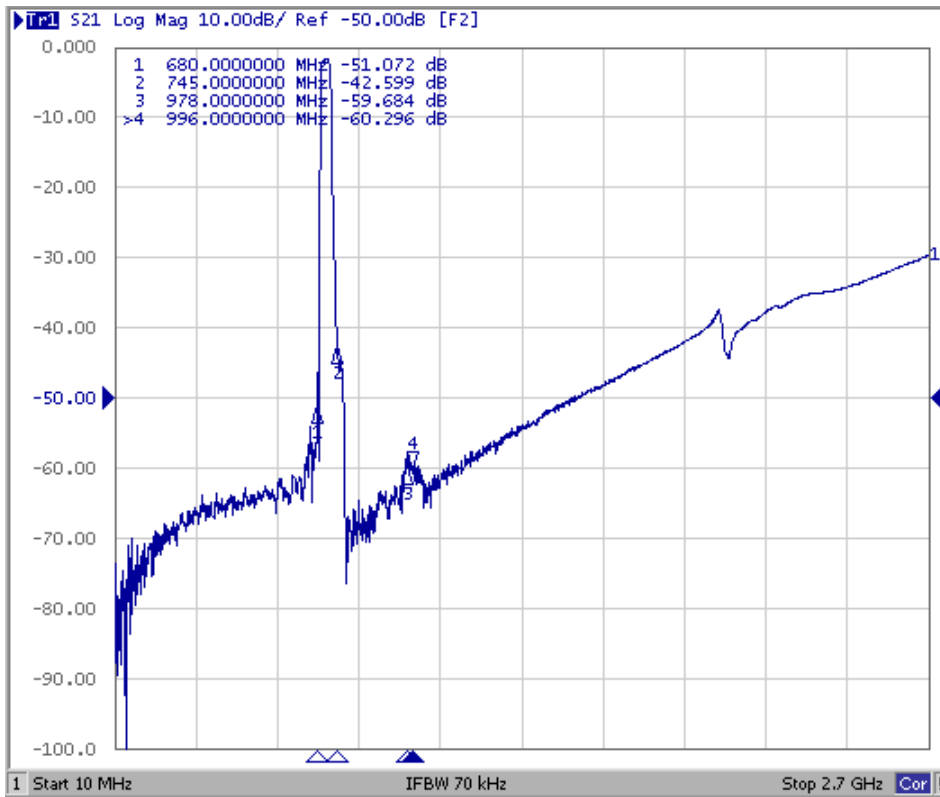
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**F. FREQUENCY CHARACTERISTICS:**



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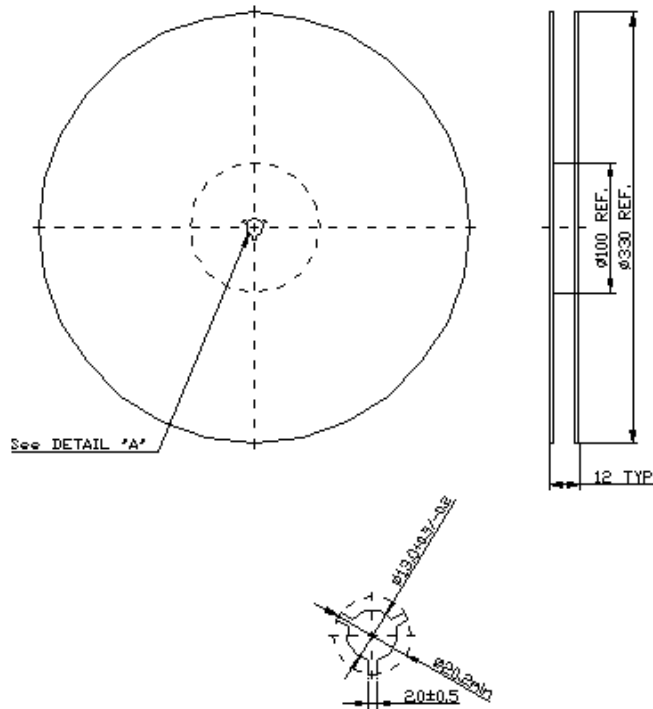


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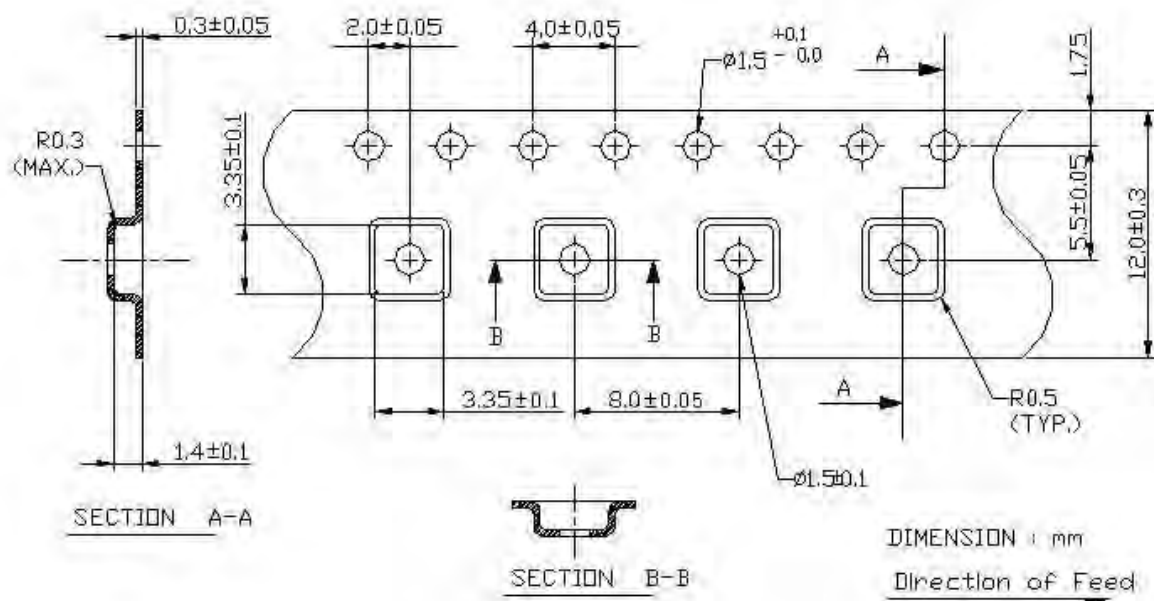
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**G. PACKING:**

**1. REEL DIMENSION**



**2. TAPE DIMENSION**



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**H. RECOMMENDED REFLOW PROFILE:**

