

**SAW Filter 2130.0MHz**  
**Part No: MA08342**

**Model: TA0589A**  
**Rev No: 1**

**A. MAXIMUM RATING:**

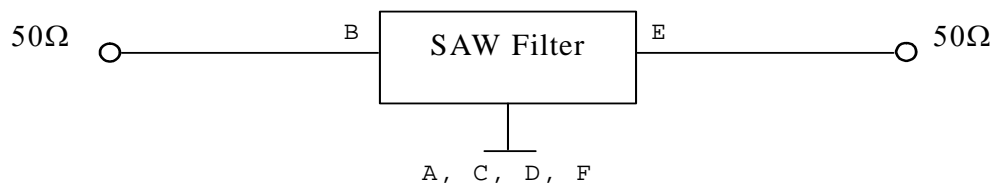
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: 0°C to +70°C
4. Storage Temperature: -30°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	2130	-	-
Insertion Loss (2100 ~ 2160MHz) IL	dB	-	2.9	3.5	-
Amplitude Ripple (2100 ~ 2160MHz)	dB	-	1.2	2	-
Relative Attenuation (relative to 0dB)					
1000 ~ 2050MHz	dB	30	31.2	-	-
2210 ~ 3000MHz	dB	30	39	-	-

**C. MEASUREMENT CIRCUIT:**

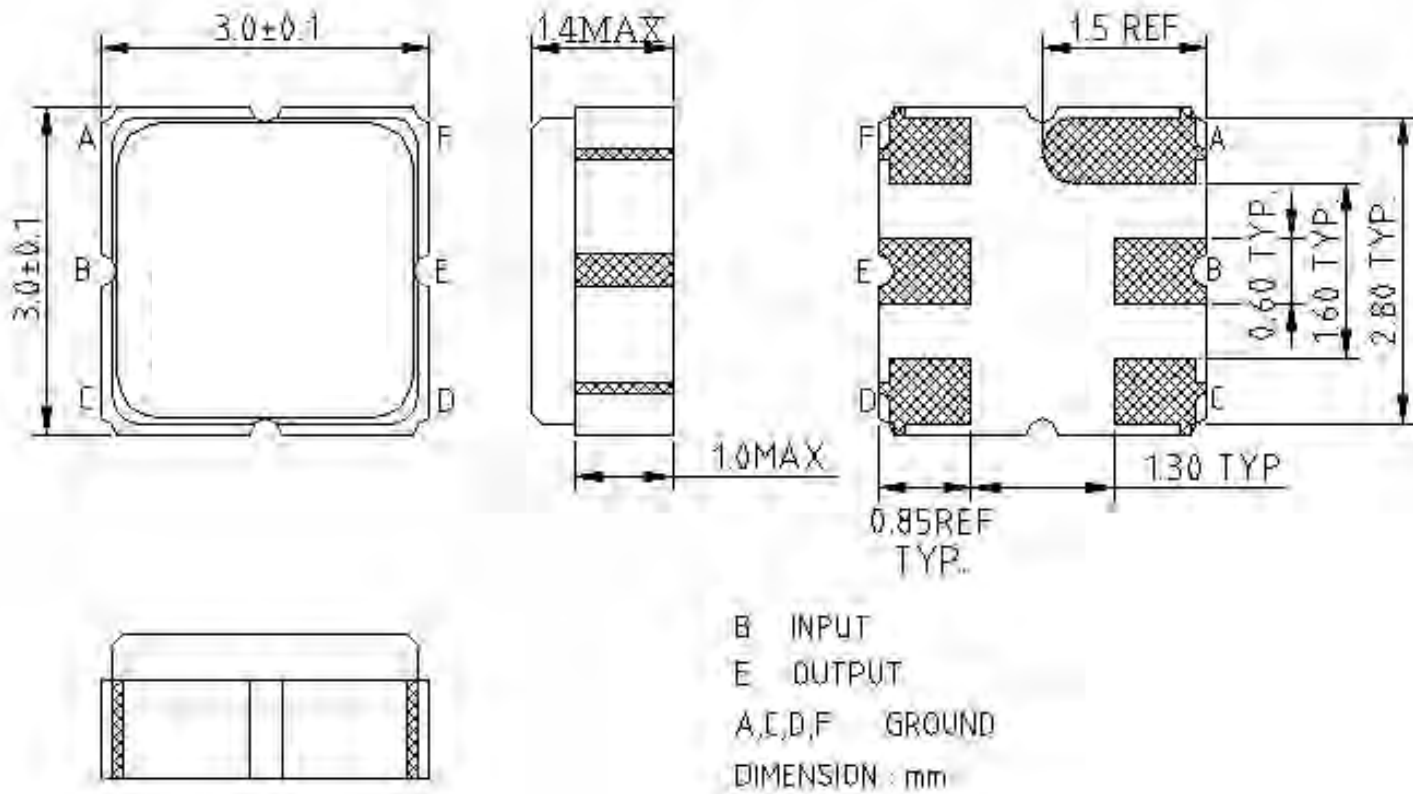
HP Network analyzer



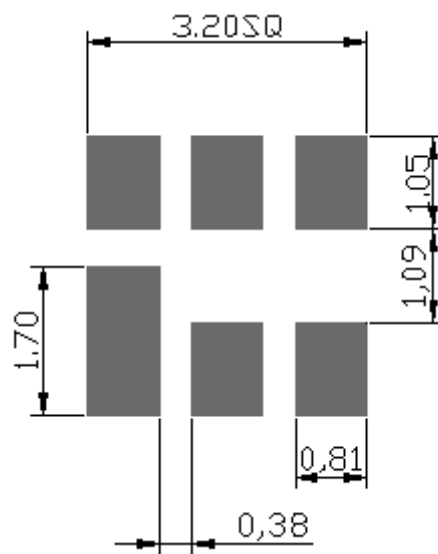
**SAW Filter 2130.0MHz**  
**Part No: MA08342**

**Model: TA0589A**  
**Rev No: 1**

**D. OUTLINE DRAWING:**



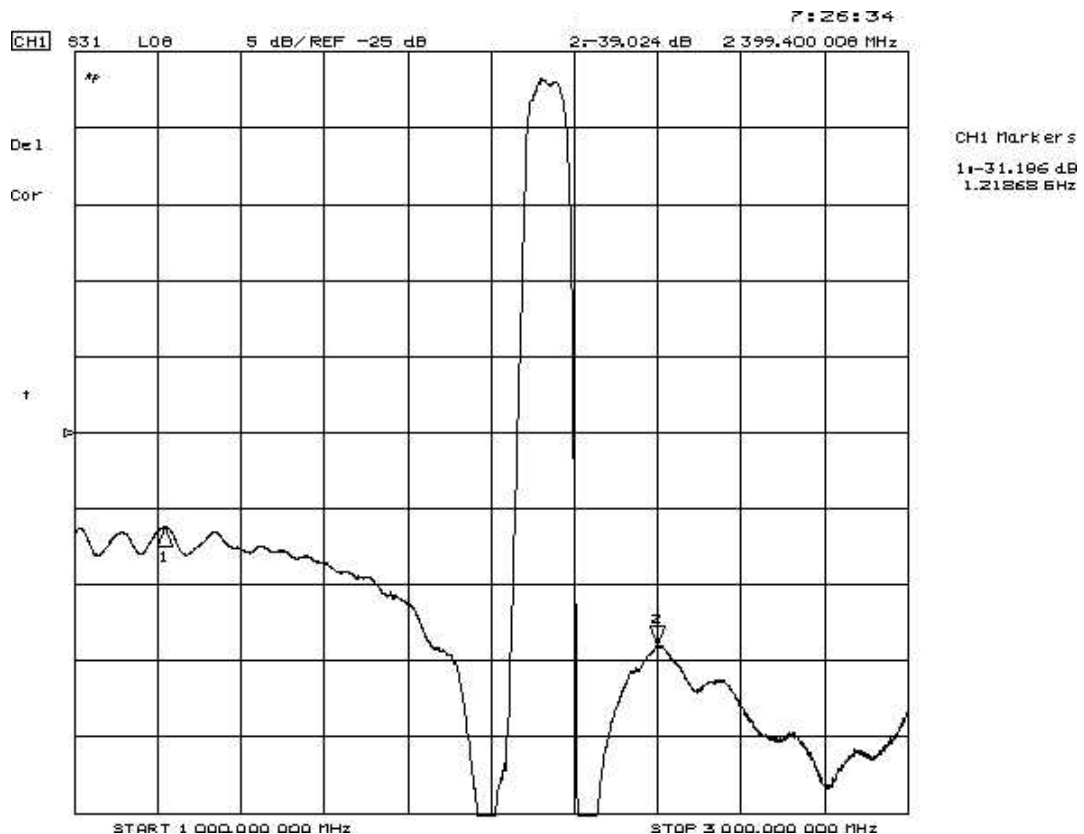
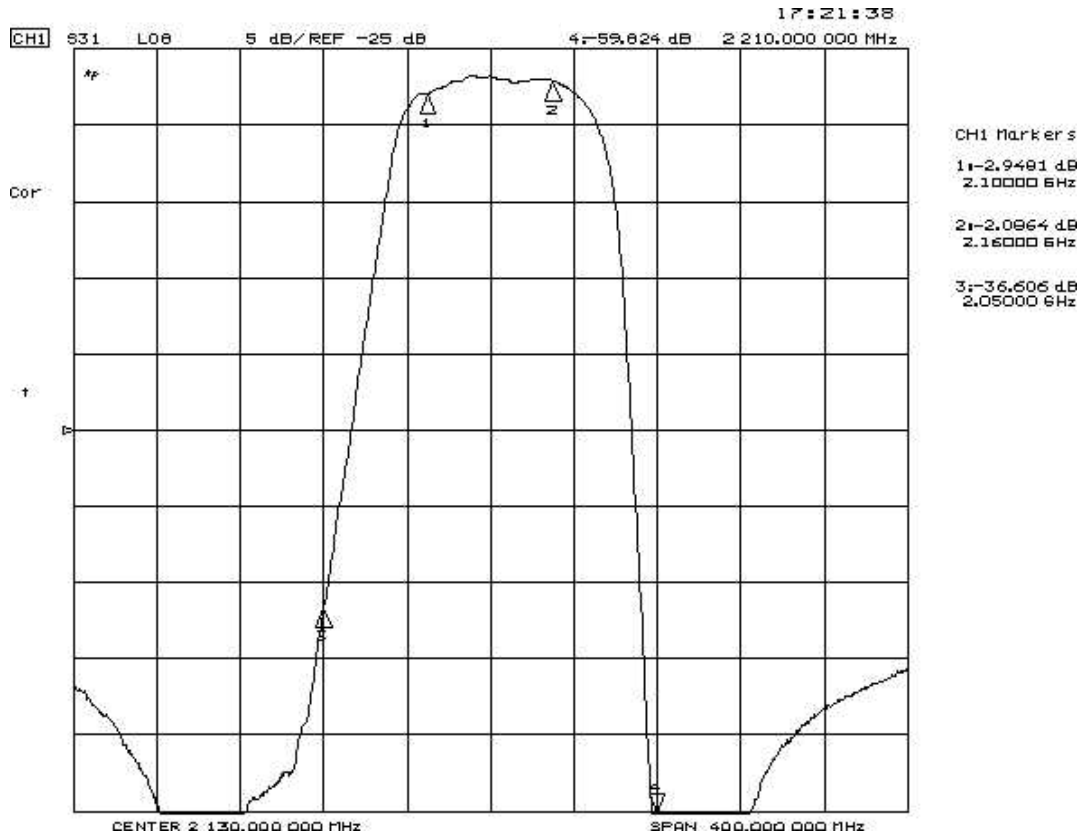
**E. PCB FOOTPRINT:**



**SAW Filter 2130.0MHz**  
**Part No: MA08342**

**Model: TA0589A**  
**Rev No: 1**

**F. FREQUENCY CHARACTERISTICS:**

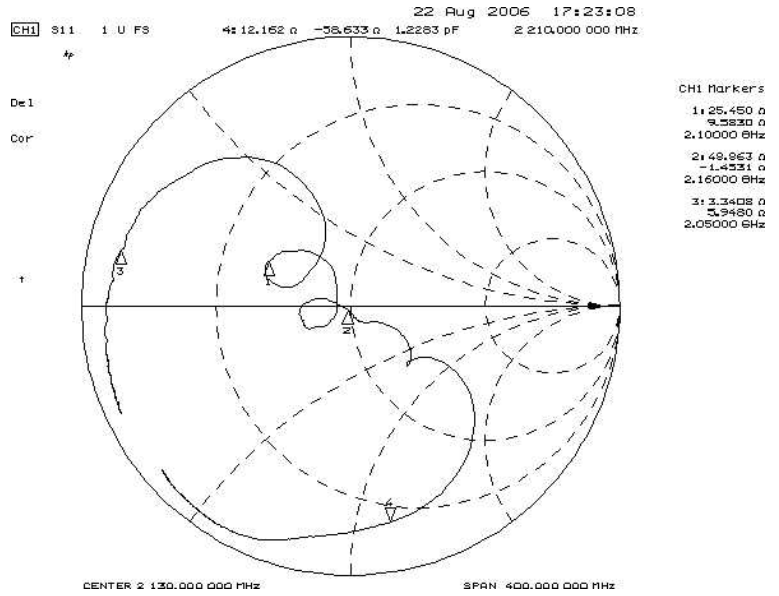
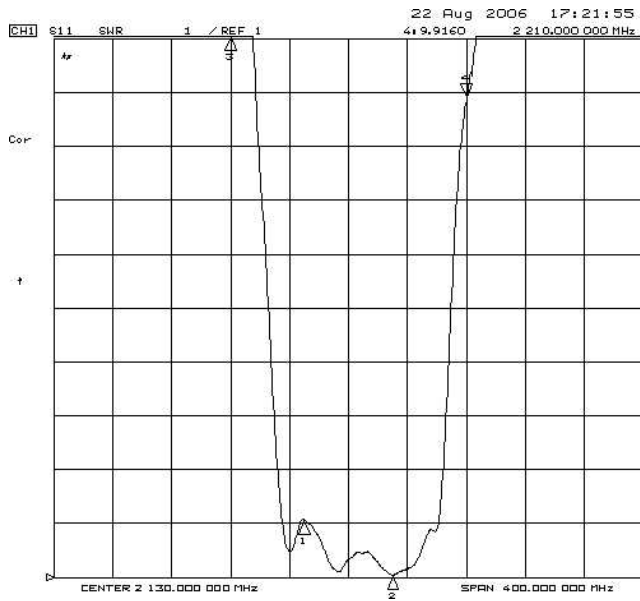


**SAW Filter 2130.0MHz**  
**Part No: MA08342**

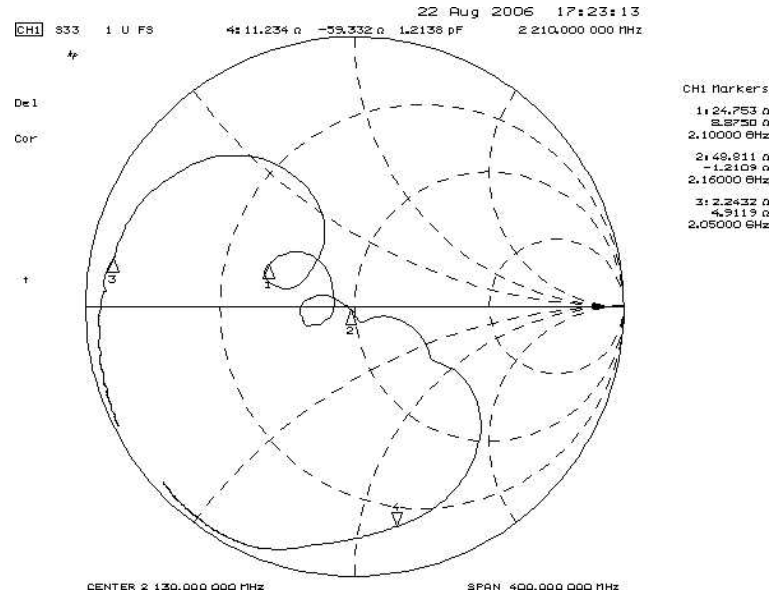
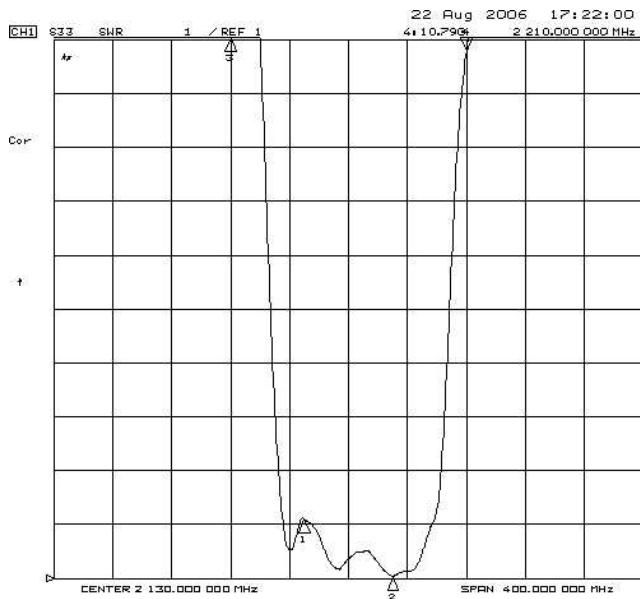
**Model: TA0589A**  
**Rev No: 1**

Reflections Functions

S11 VSWR



S22 VSWR

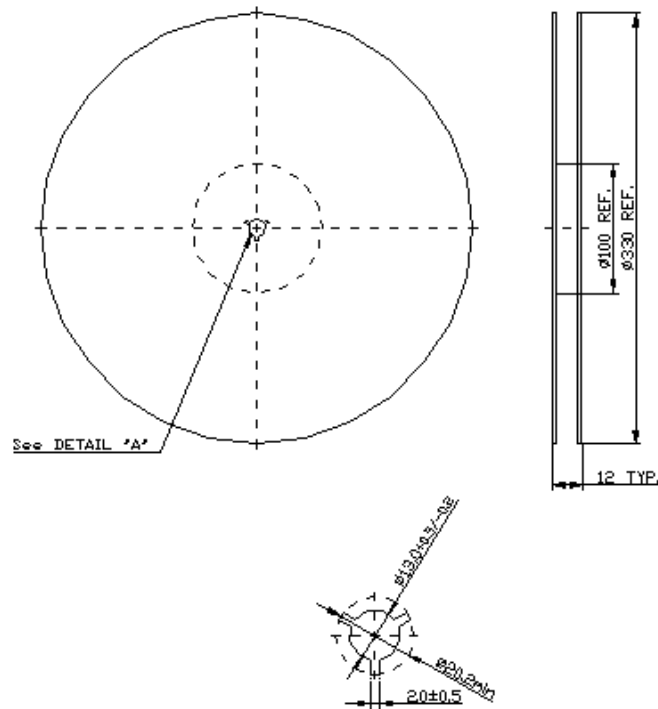


**SAW Filter 2130.0MHz**  
**Part No: MA08342**

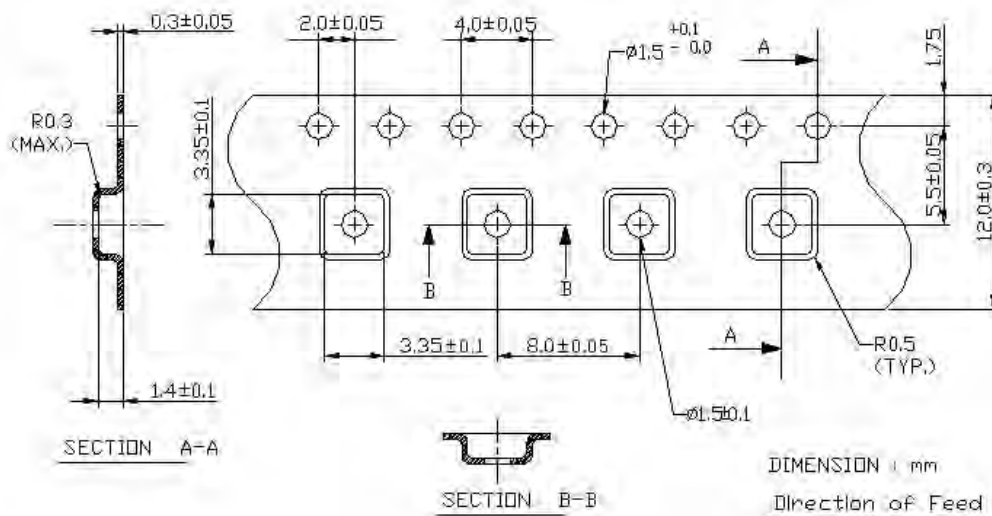
**Model: TA0589A**  
**Rev No: 1**

**G. PACKING:**

1. Reel Dimension



2. Tape Dimension



**SAW Filter 2130.0MHz**

**Model: TA0589A**

**Part No: MA08342**

**Rev No: 1**

**H. RECOMMENDED REFLOW PROFILE:**

