

**SAW Filter 918.60MHz**  
**Part No: MP05037**

**Model: TA1449A**  
**Rev No: 1**

**A. MAXIMUM RATING:**

**Electrostatic Sensitive Device (ESD)**

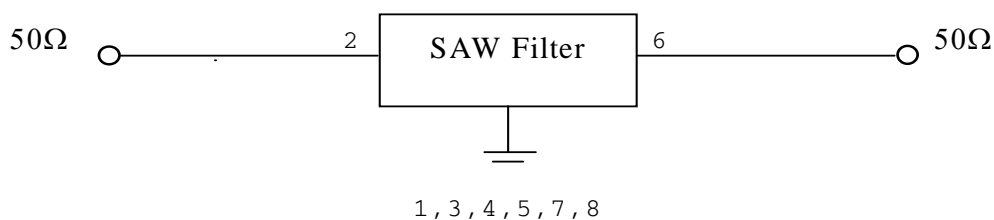
1. Input Power Level: 10dBm
2. DC Voltage: 5V
3. Operating Temperature: 0°C to +80°C
4. Storage Temperature: -30°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	918.6	-
Insertion Loss (916.8 ~ 920.4MHz) IL	dB	-	3.5	7
Amplitude Ripple (916.8 ~ 920.4MHz)	dB	-	1.0	4.5
Attenuation (Reference level from 0dB)				
715 ~ 900MHz	dB	15	50	-
900 ~ 915MHz	dB	2.5	4	-
928 ~ 1000MHz	dB	5	26	-
1000 ~ 1500MHz	dB	15	40	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-

**C. MEASUREMENT CIRCUIT:**

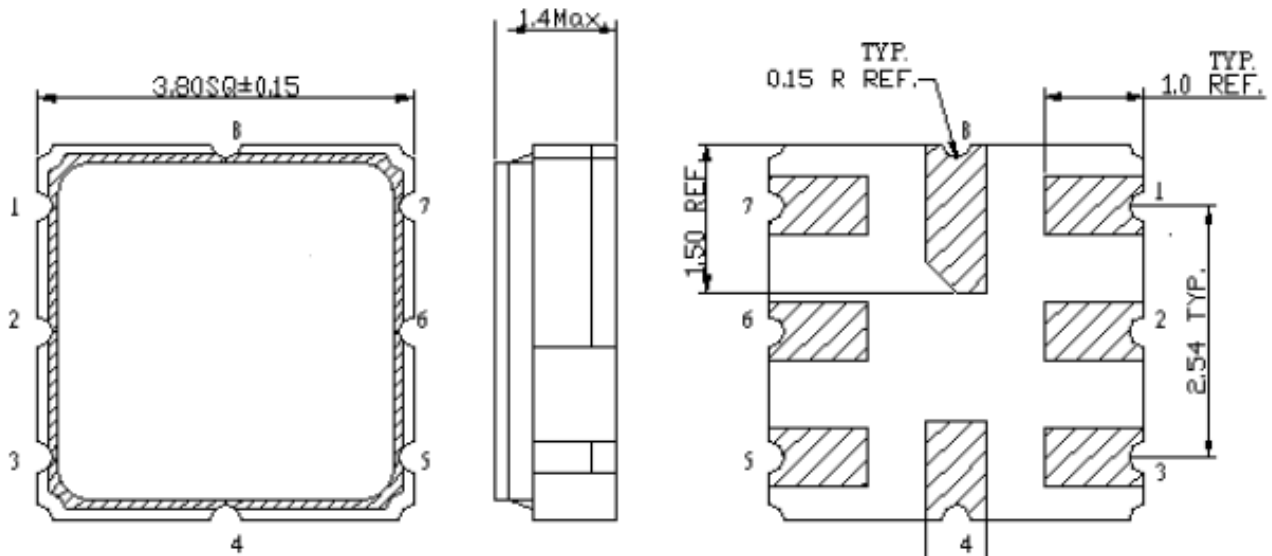
HP Network analyzer



**SAW Filter 918.60MHz**  
**Part No: MP05037**

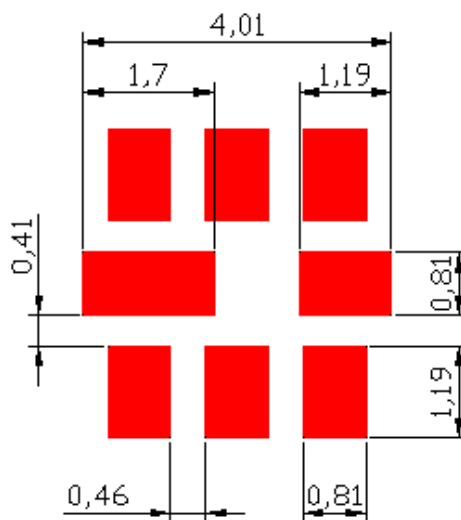
**Model: TA1449A**  
**Rev No: 1**

**D. OUTLINE DRAWING:**



2 : Input  
 6: Output  
 1,3,4,5,7,8: Ground

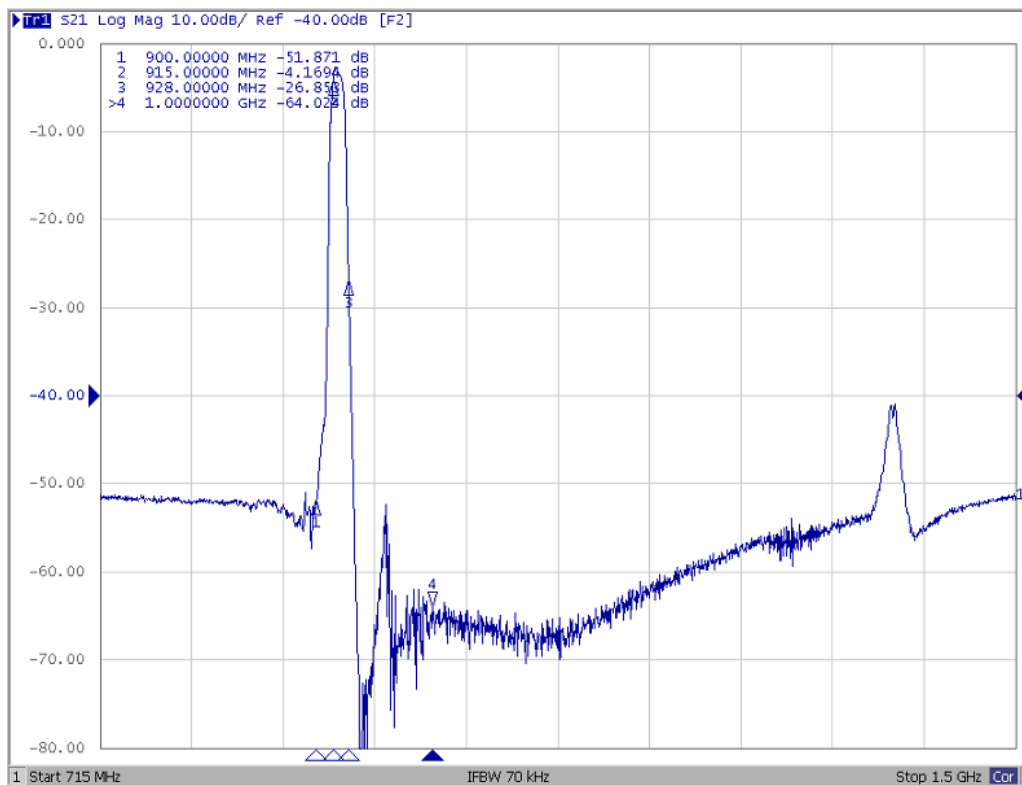
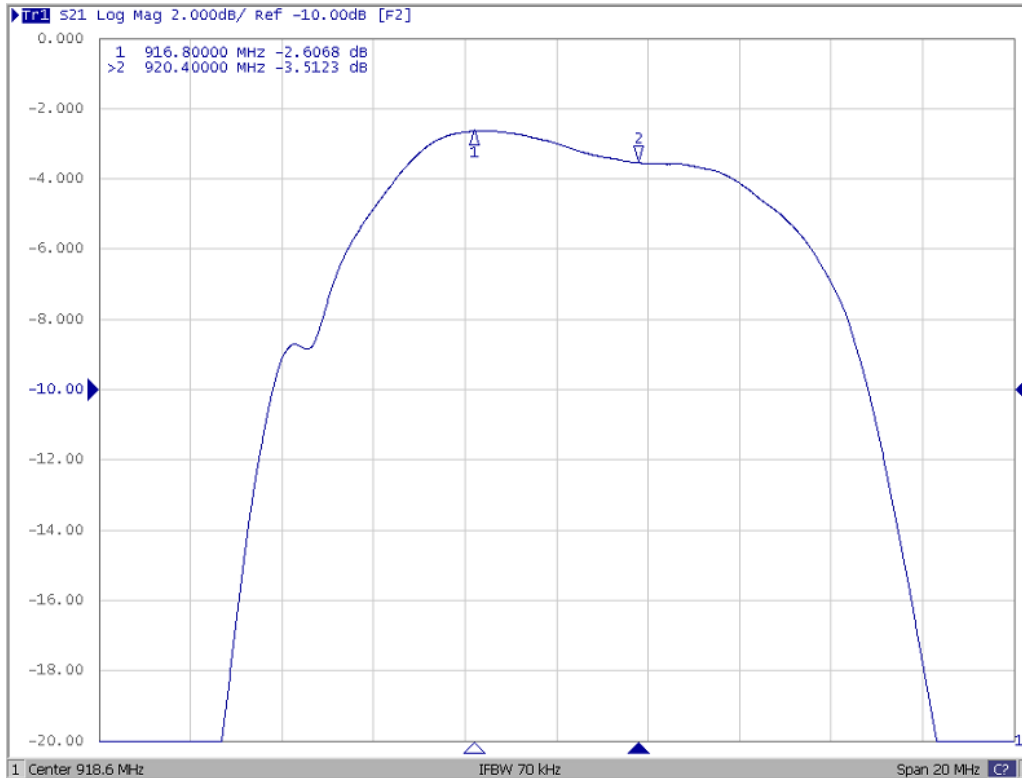
**E. PCB FOOTPRINT:**



**SAW Filter 918.60MHz**  
**Part No: MP05037**

**Model: TA1449A**  
**Rev No: 1**

**F. FREQUENCY CHARACTERISTICS:**

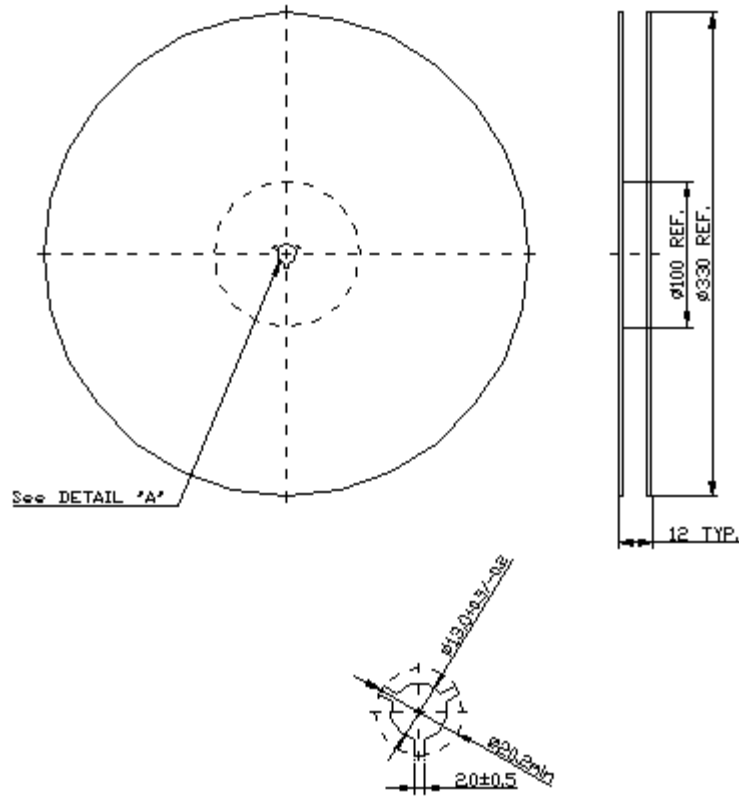


**SAW Filter 918.60MHz**  
**Part No: MP05037**

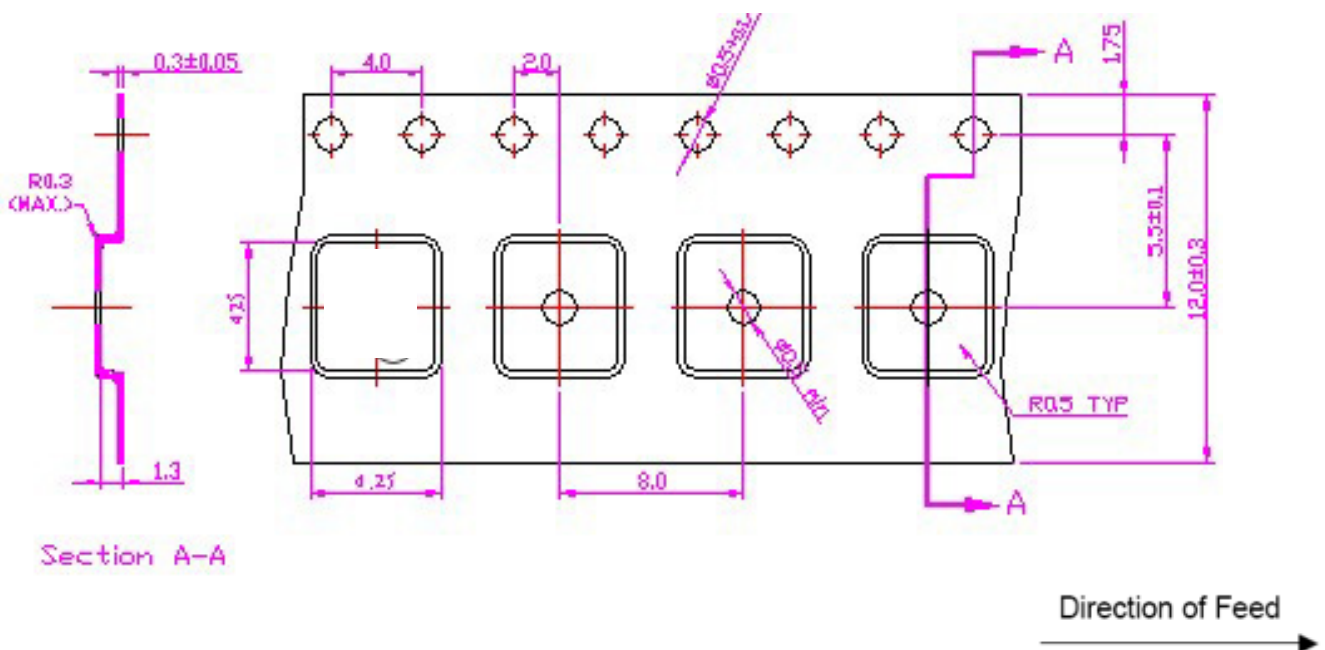
**Model: TA1449A**  
**Rev No: 1**

**G. PACKING:**

1. Reel Dimension



2. Tape Dimension



**SAW Filter 918.60MHz**  
**Part No: MP05037**

**Model: TA1449A**  
**Rev No: 1**

**H. RECOMMENDED REFLOW PROFILE:**

