

**SAW Filter 503.5MHz**  
**Part No: MP02854**

**Model: TA1114A**  
**Rev No: 1**

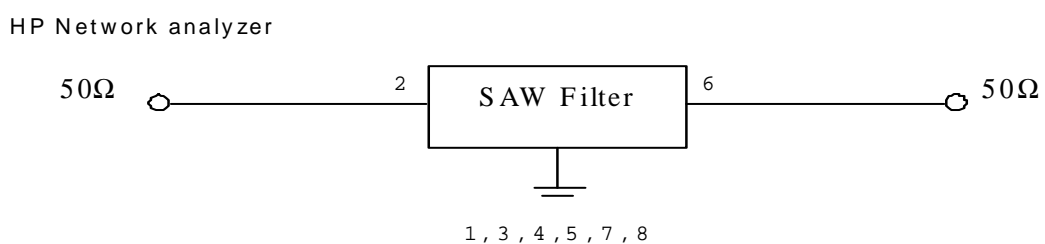
**A. MAXIMUM RATING:**

1. Input Power Level: 10dBm
2. DC Voltage: 5V
3. Operating Temperature: -30°C to +60°C
4. Storage Temperature: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	503.5	-
Insertion loss (495 ~ 512MHz) IL	dB	-	2.4	3.2
Amplitude Ripple (495 ~ 512MHz)	dB	-	0.9	2.4
Return loss (495 ~ 512MHz)	dB	6	7.6	-
Attenuation (Reference level from 0dB)				
0.3 ~ 300MHz	dB	30	58	-
300 ~ 380MHz	dB	24	55	-
380 ~ 473.5MHz	dB	15	50	-
548.325 ~ 568.325MHz	dB	12	52	-
568.825 ~ 579.65MHz	dB	28	55	-
669.3 ~ 689.3MHz	dB	24	51	-
689.3 ~ 1000MHz	dB	26	43	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-

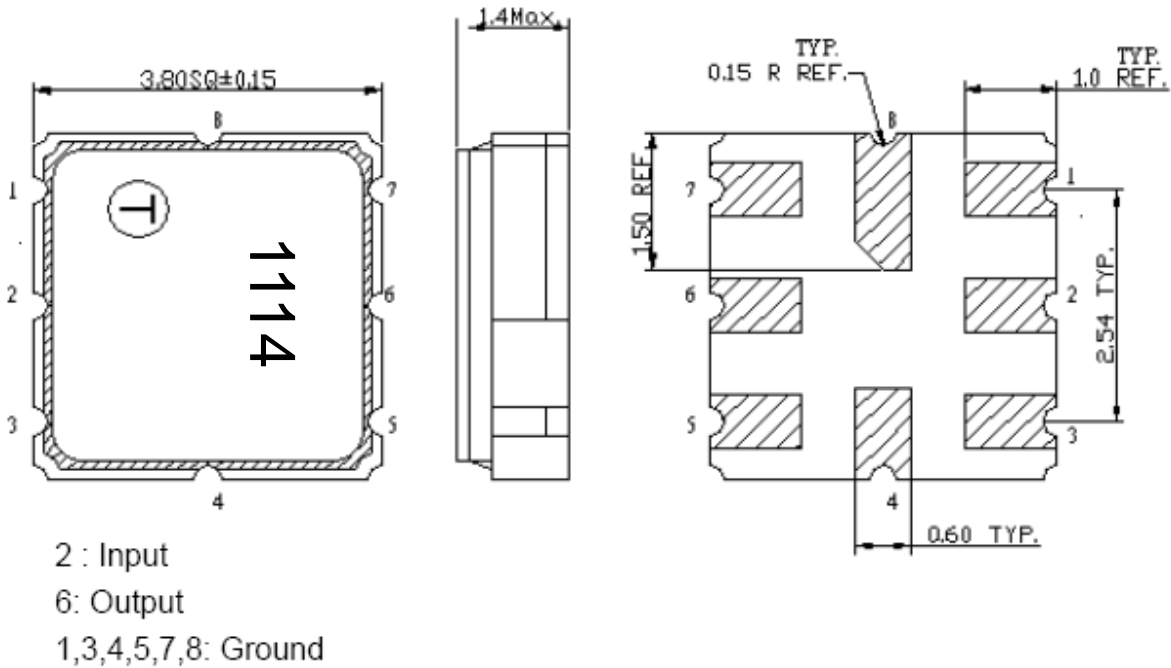
**C. MEASUREMENT CIRCUIT:**



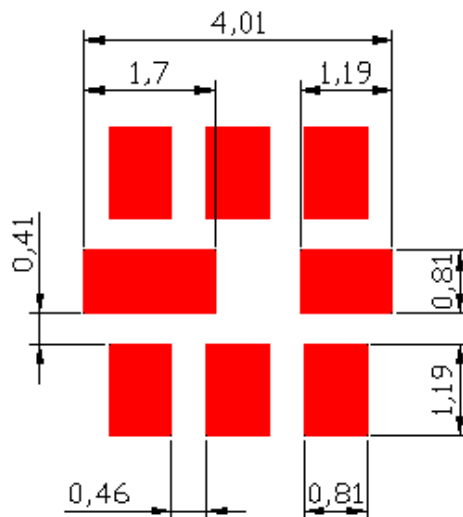
**SAW Filter 503.5MHz**  
**Part No: MP02854**

**Model: TA1114A**  
**Rev No: 1**

**D. OUTLINE DRAWING:**



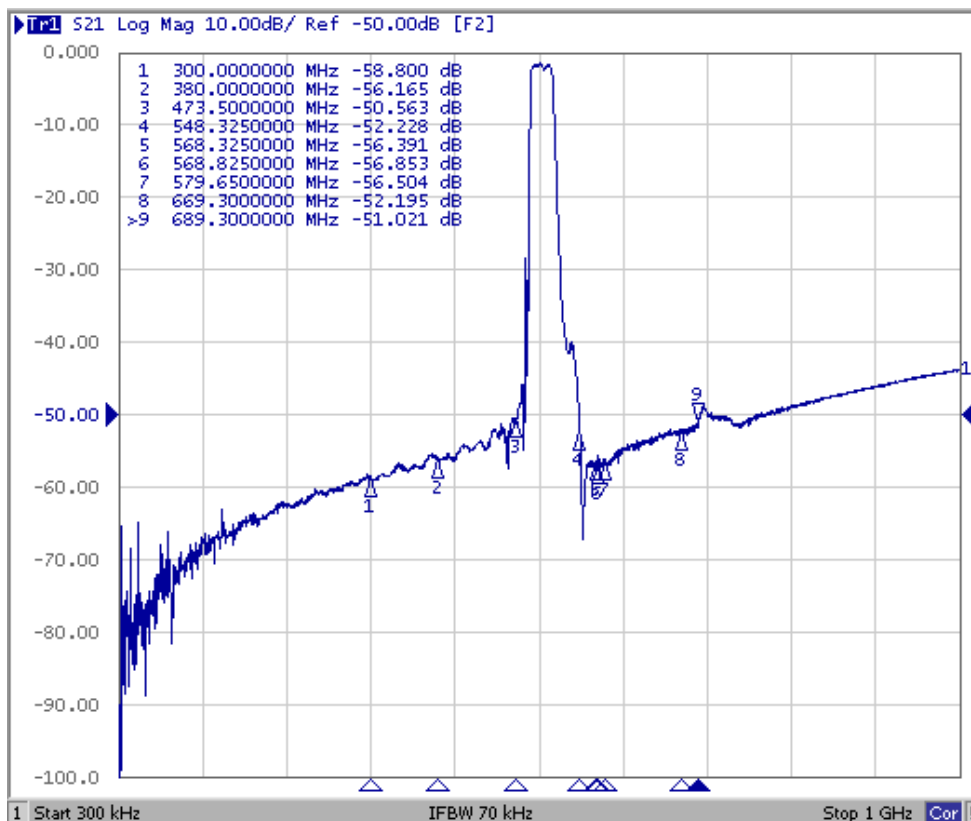
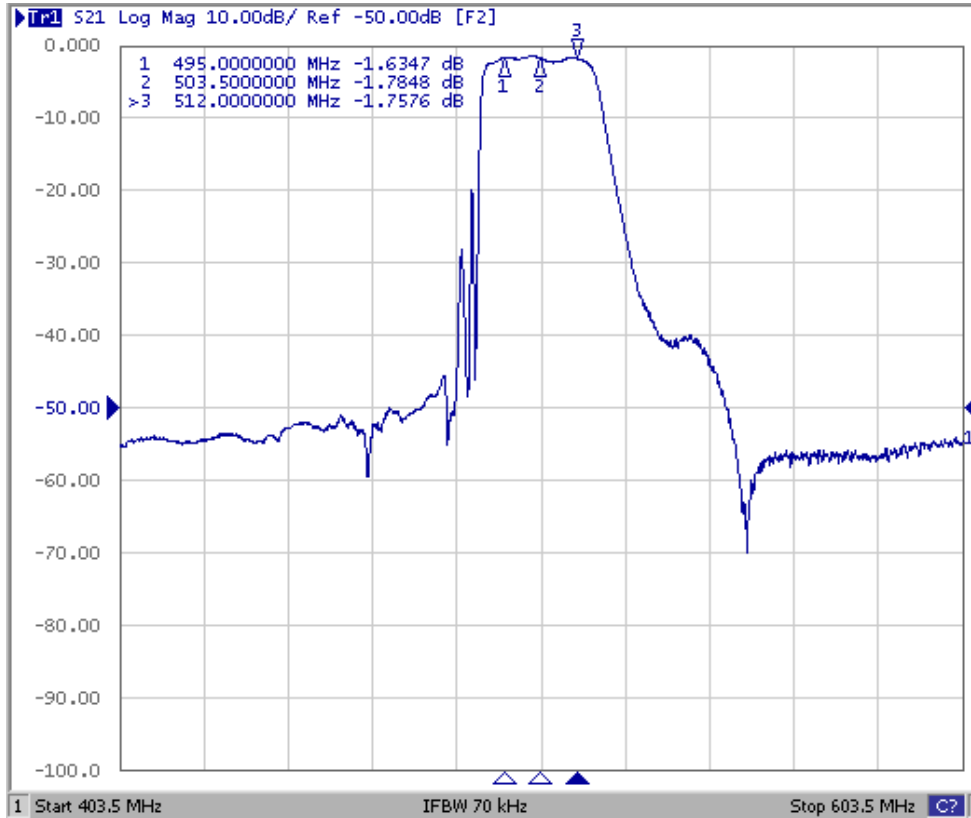
**E. PCB FOOTPRINT:**



**SAW Filter 503.5MHz**  
**Part No: MP02854**

**Model: TA1114A**  
**Rev No: 1**

**F. FREQUENCY CHARACTERISTICS:**

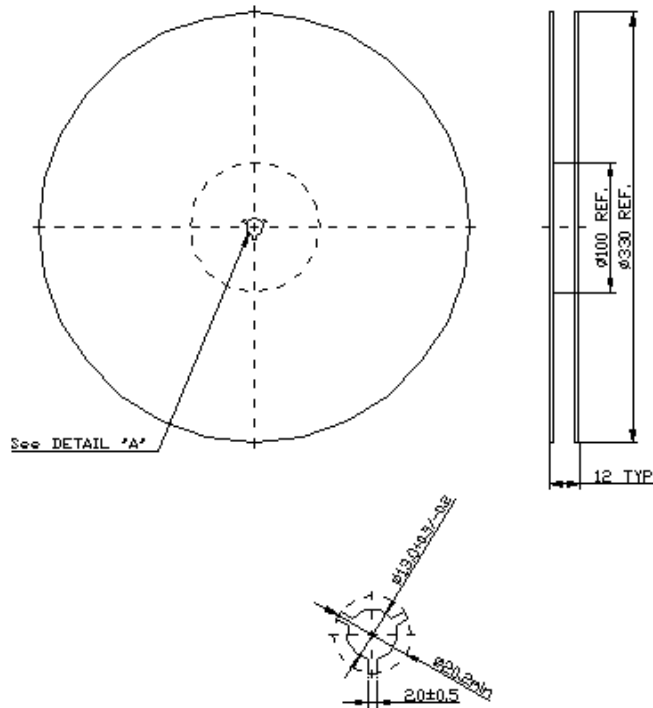


**SAW Filter 503.5MHz**  
**Part No: MP02854**

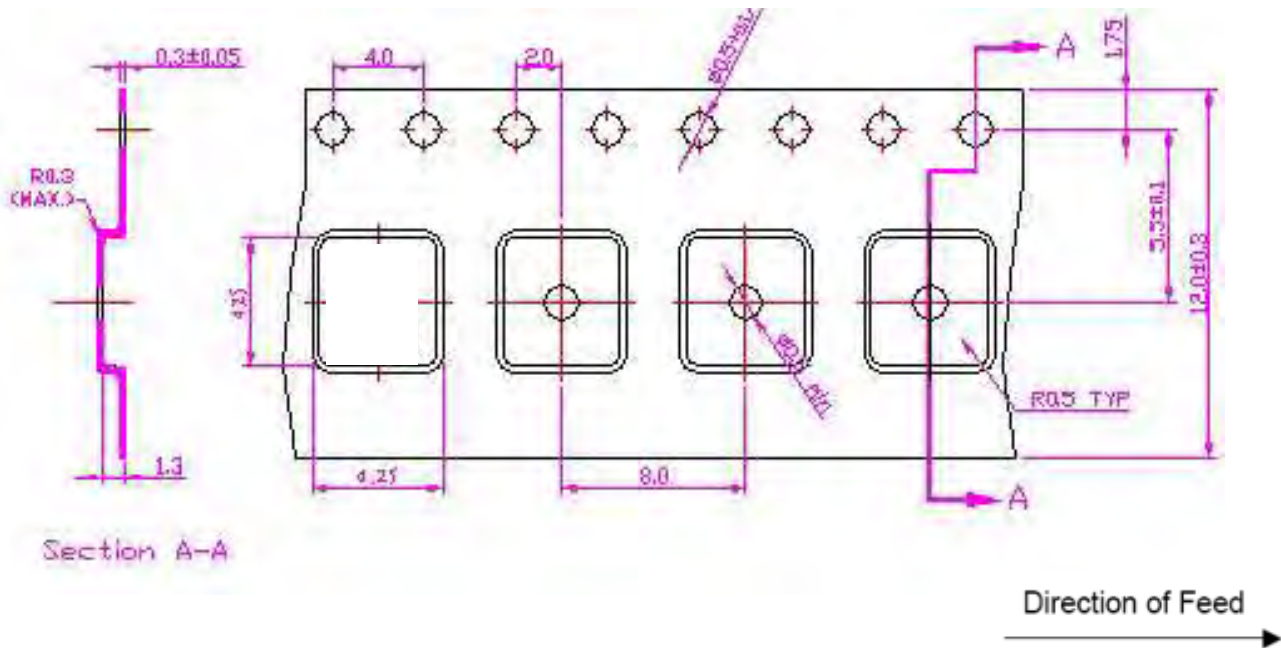
**Model: TA1114A**  
**Rev No: 1**

**G. PACKING:**

1. REEL DIMENSION



2. TAPE DIMENSION



**SAW Filter 503.5MHz**  
**Part No: MP02854**

**Model: TA1114A**  
**Rev No: 1**

**H. RECOMMENDED REFLOW PROFILE:**

