

SAW Filter 503.5MHz
Part No: MP02854

Model: TA1114A
Rev No: 1

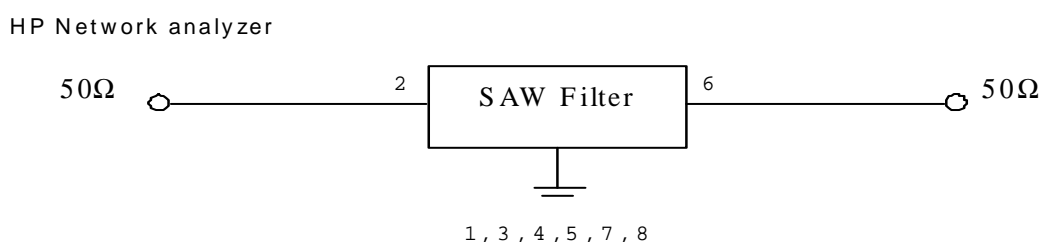
A. MAXIMUM RATING:

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	-

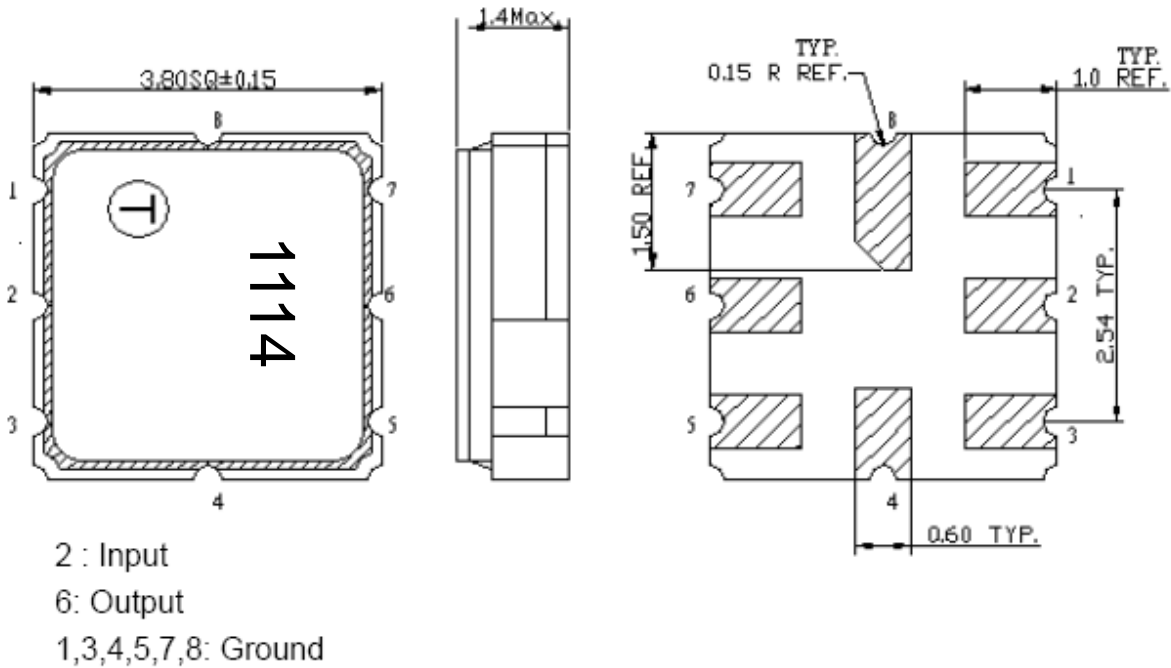
C. MEASUREMENT CIRCUIT:



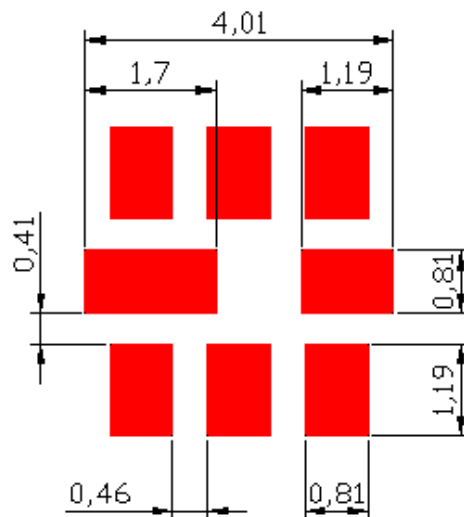
SAW Filter 503.5MHz
Part No: MP02854

Model: TA1114A
Rev No: 1

D. OUTLINE DRAWING:



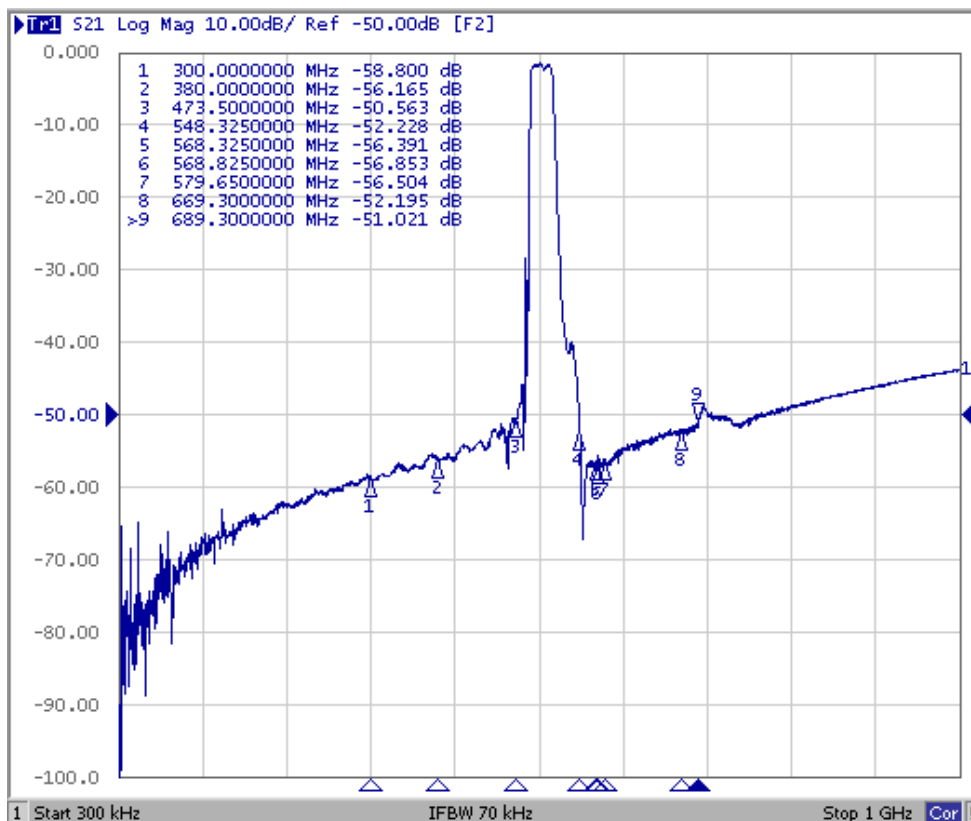
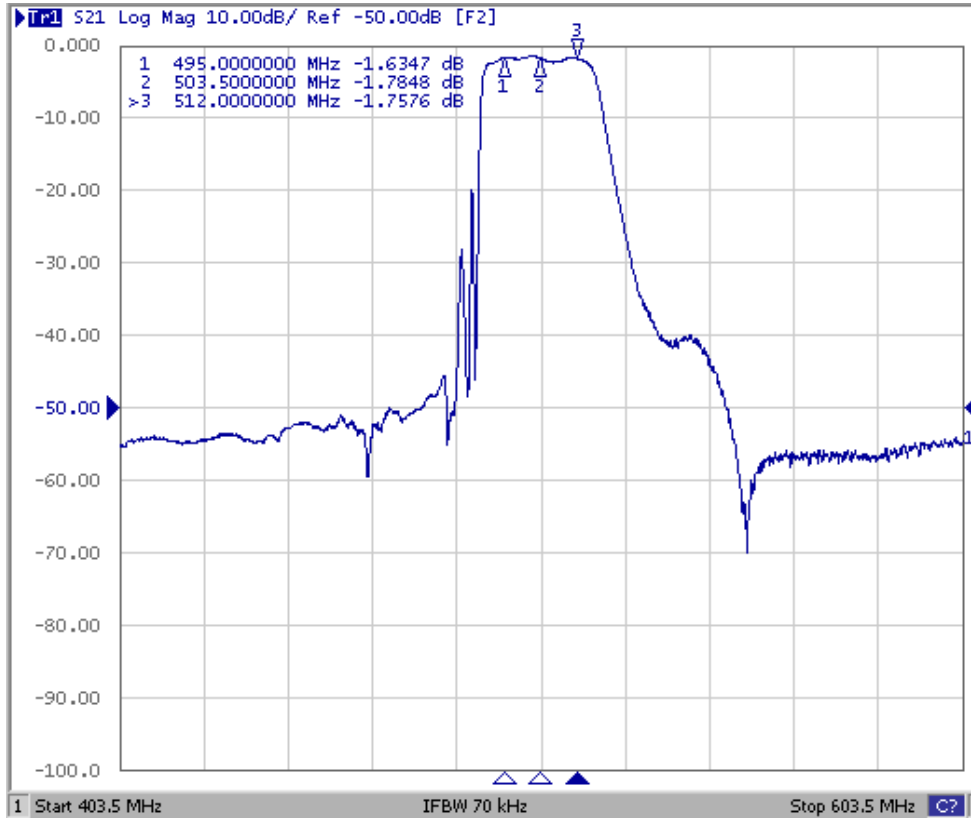
E. PCB FOOTPRINT:



SAW Filter 503.5MHz
Part No: MP02854

Model: TA1114A
Rev No: 1

F. FREQUENCY CHARACTERISTICS:

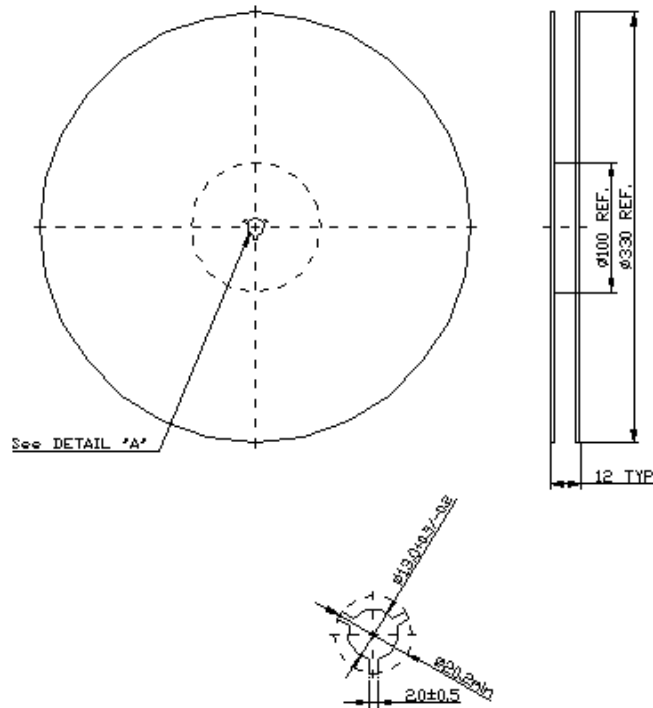


SAW Filter 503.5MHz
Part No: MP02854

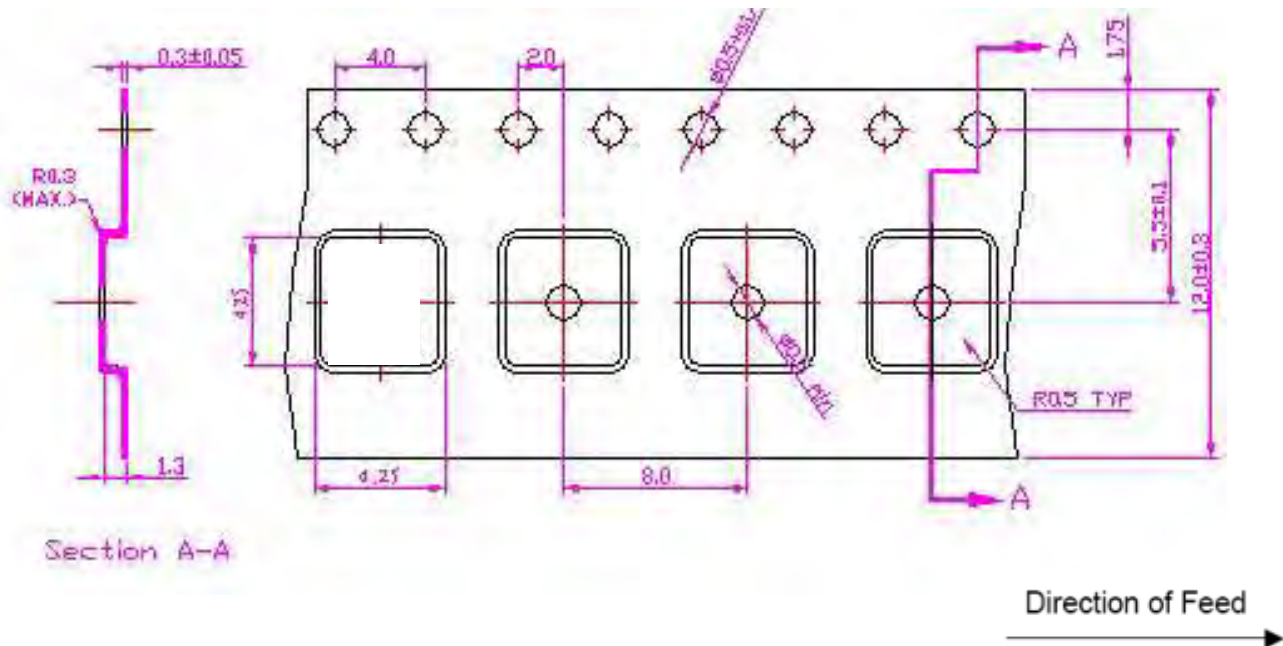
Model: TA1114A
Rev No: 1

G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



SAW Filter 503.5MHz
Part No: MP02854

Model: TA1114A
Rev No: 1

H. RECOMMENDED REFLOW PROFILE:

