
SAW Filter 821.5MHz
Part No: MA08038

Model: TA0558A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC voltage: 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

B. CHARACTERISTICS:

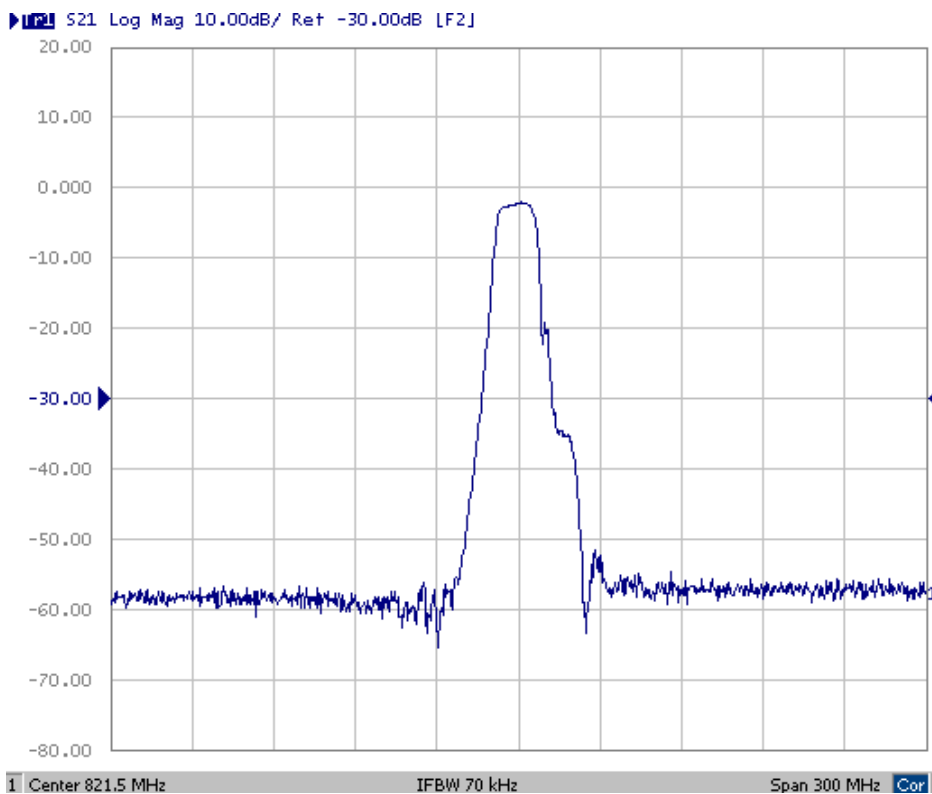
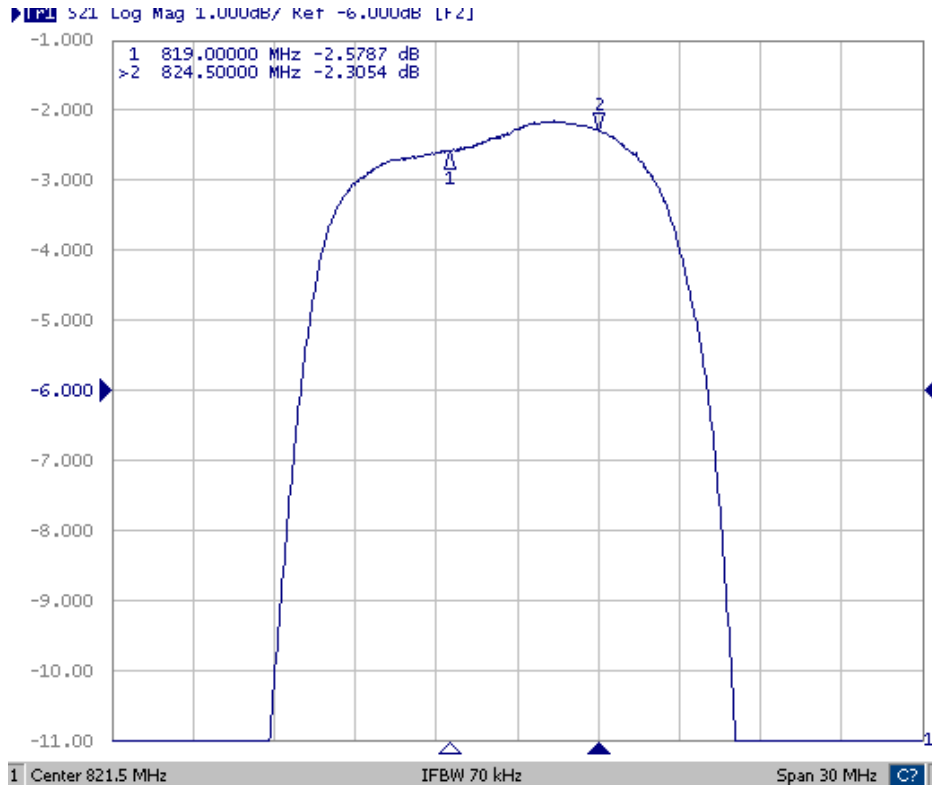
Item		Min.	Typ.	Max.
Center frequency Fc	MHz	-	821.5	-
Insertion loss 819 ~ 824.5MHz IL	dB	-	2.6	4.2
Amplitude ripple 819 ~ 824.5MHz	dB	-	0.7	1.5
Attenuation (Reference level from 0dB)				
729.0 ~ 734.0MHz	dB	40	50	-
774.0 ~ 779.0MHz	dB	40	50	-
796.5 ~ 801.5MHz	dB	33	43	-
Source impedance Z _S	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-

Note1. No matching network required for operation at 50Ω

SAW Filter 821.5MHz
Part No: MA08038

Model: TA0558A
Rev No: 1

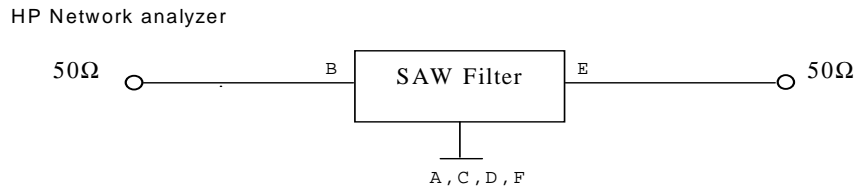
C. TRANSFER FUNCTION:



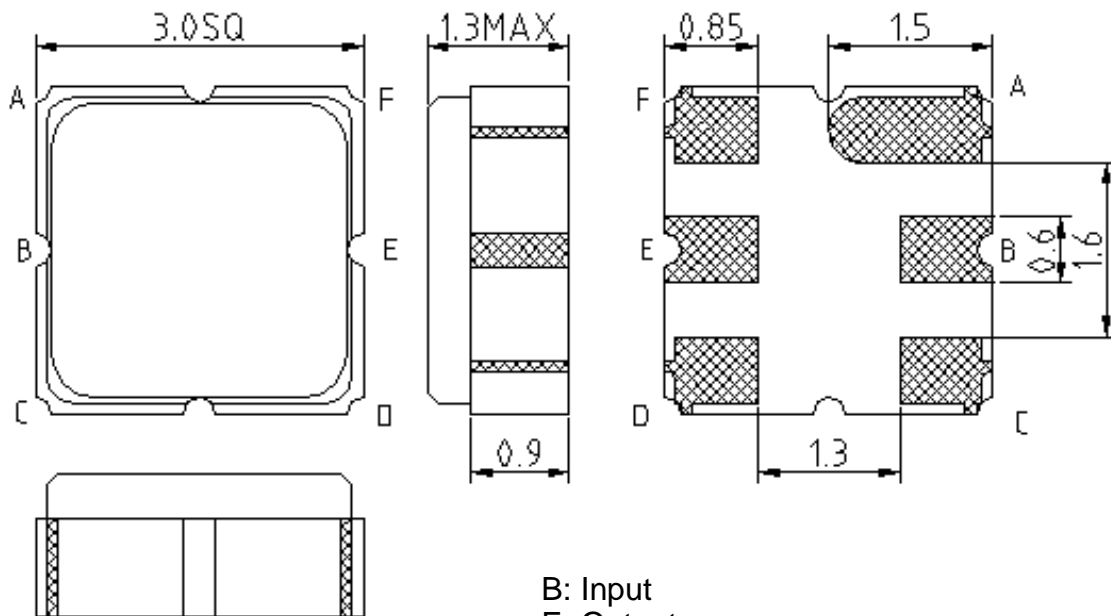
SAW Filter 821.5MHz
Part No: MA08038

Model: TA0558A
Rev No: 1

D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:

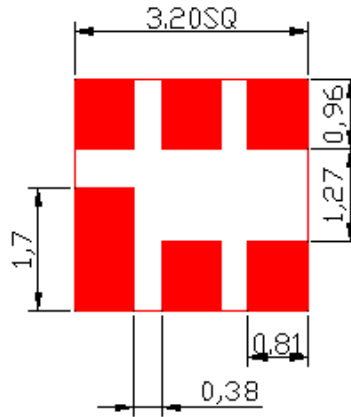


B: Input
E: Output
A, C, D, F: Ground
Unit: mm

SAW Filter 821.5MHz
Part No: MA08038

Model: TA0558A
Rev No: 1

F. PCB FOOTPRINT:

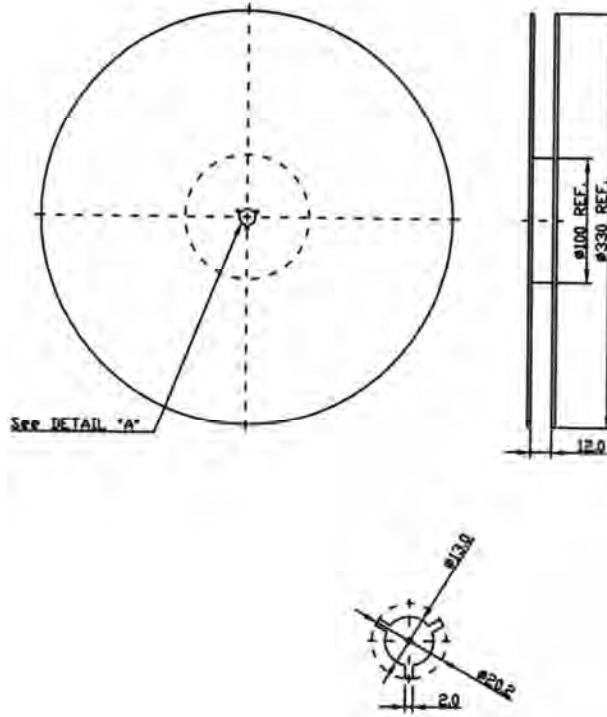


SAW Filter 821.5MHz
Part No: MA08038

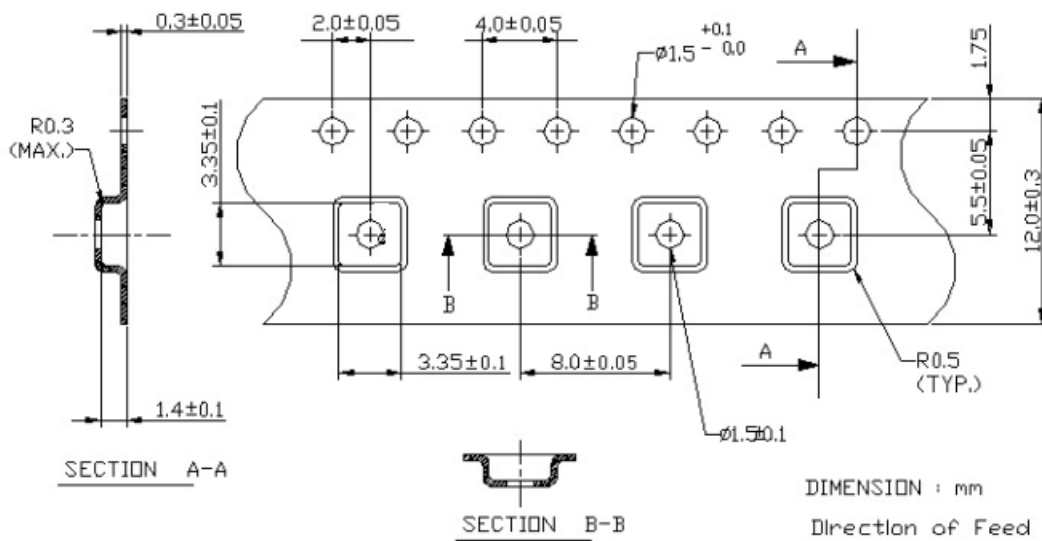
Model: TA0558A
Rev No: 1

G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



SAW Filter 821.5MHz
Part No: MA08038

Model: TA0558A
Rev No: 1

H. RECOMMENDED REFLOW PROFILE:

