

SAW Filter 915.30MHz
Part No: MP04311

Model: TA0832A
Rev No: 2

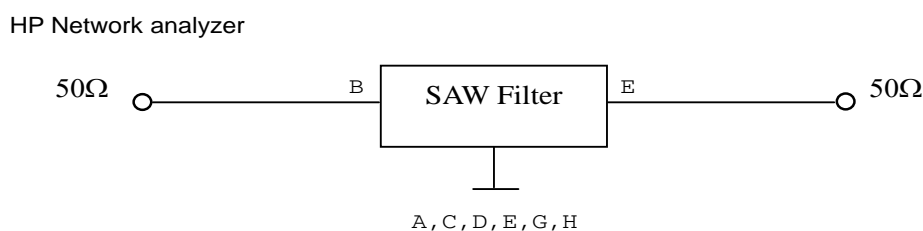
A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +75°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS: (Ambient temperature: 25°C)

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	915.3	-	-
Insertion Loss at Fc IL	dB	-	1.3	3.5	-
Lower 3dB Band Edge	MHz	-	901	904.4	-
Upper 3dB Band Edge	MHz	926.2	928.5	-	-
Amplitude Variation (904.4 ~ 926.2MHz)	dB	-	1.5	3	-
Group Delay Variation (904.4 ~ 926.2MHz)	ns	-	35	80	-
Attenuation (Reference level from IL)					
200 ~ 888.3MHz	dB	35	43	-	-
888.3 ~ 894MHz	dB	15	21	-	-
942.3 ~ 1400MHz	dB	40	46	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-	-

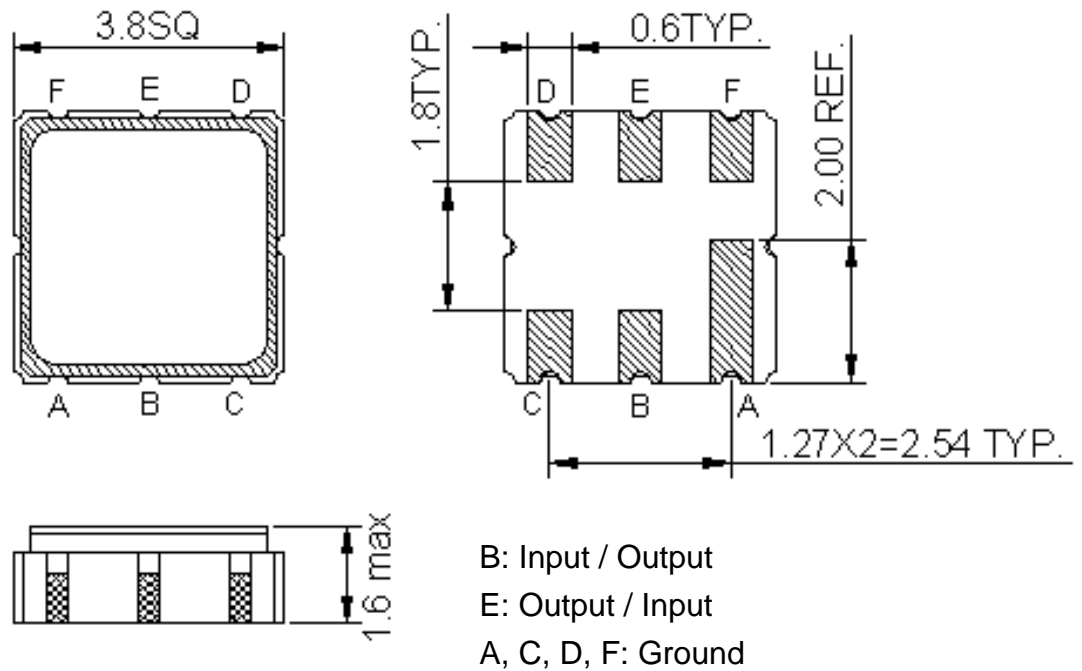
C. MEASUREMENT CIRCUIT:



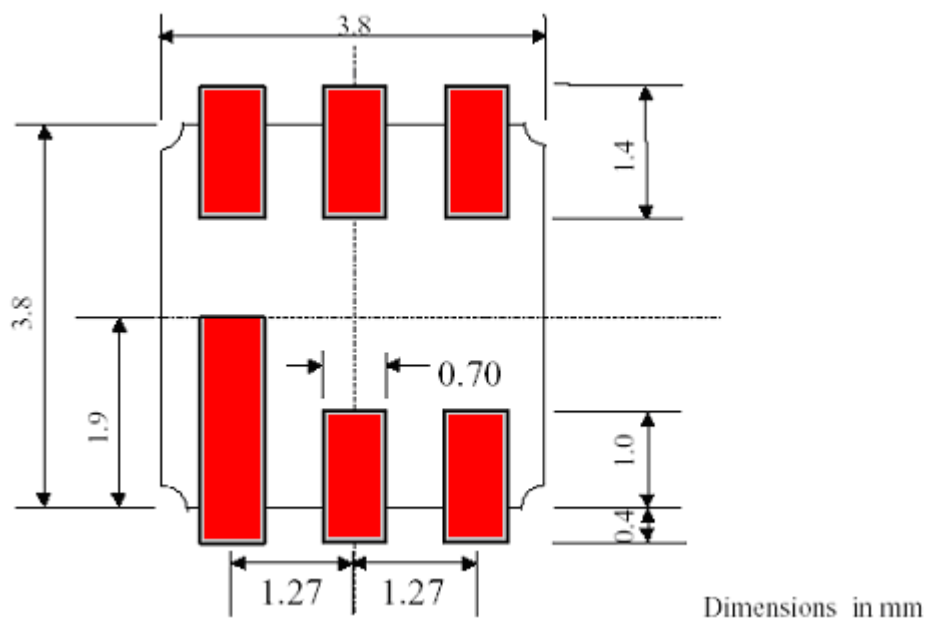
SAW Filter 915.30MHz
Part No: MP04311

Model: TA0832A
Rev No: 2

D. OUTLINE DRAWING:



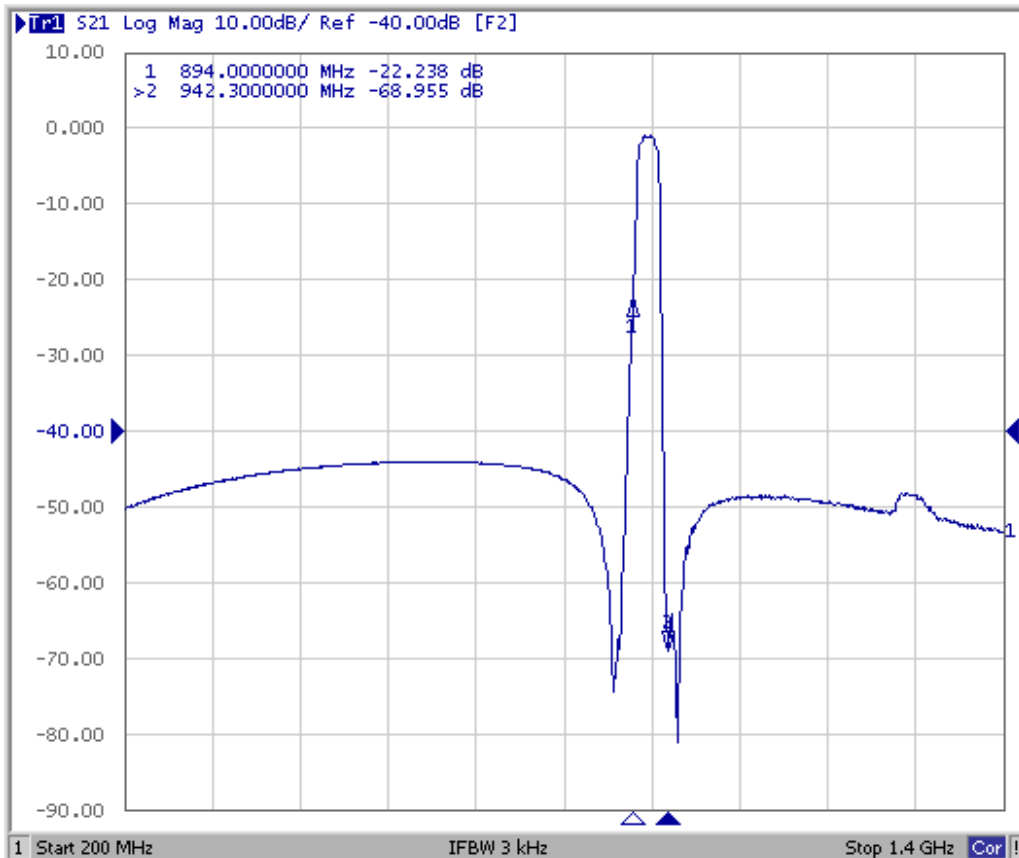
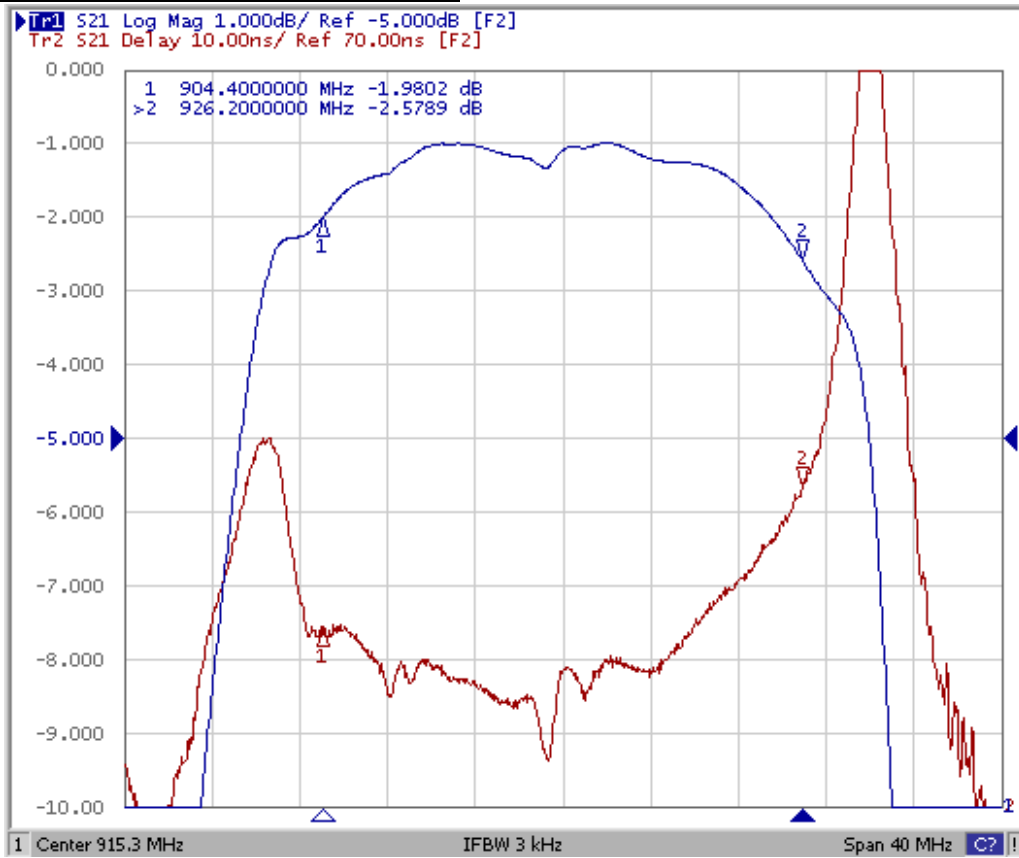
E. PCB FOOTPRINT:



SAW Filter 915.30MHz
Part No: MP04311

Model: TA0832A
Rev No: 2

F. FREQUENCY CHARACTERISTICS:

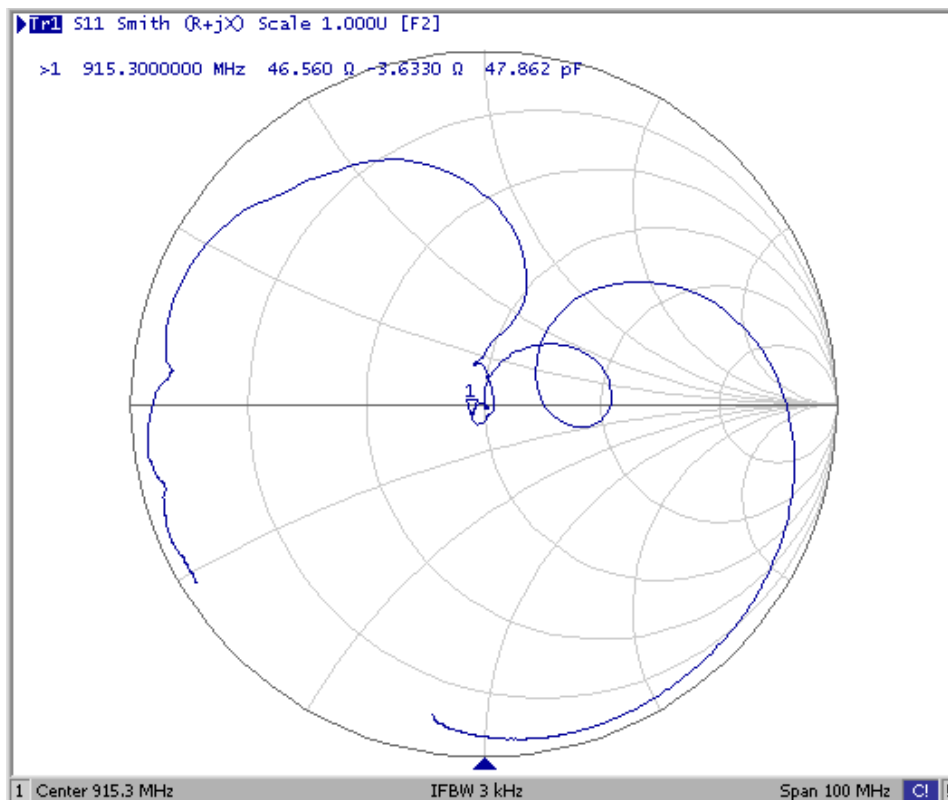
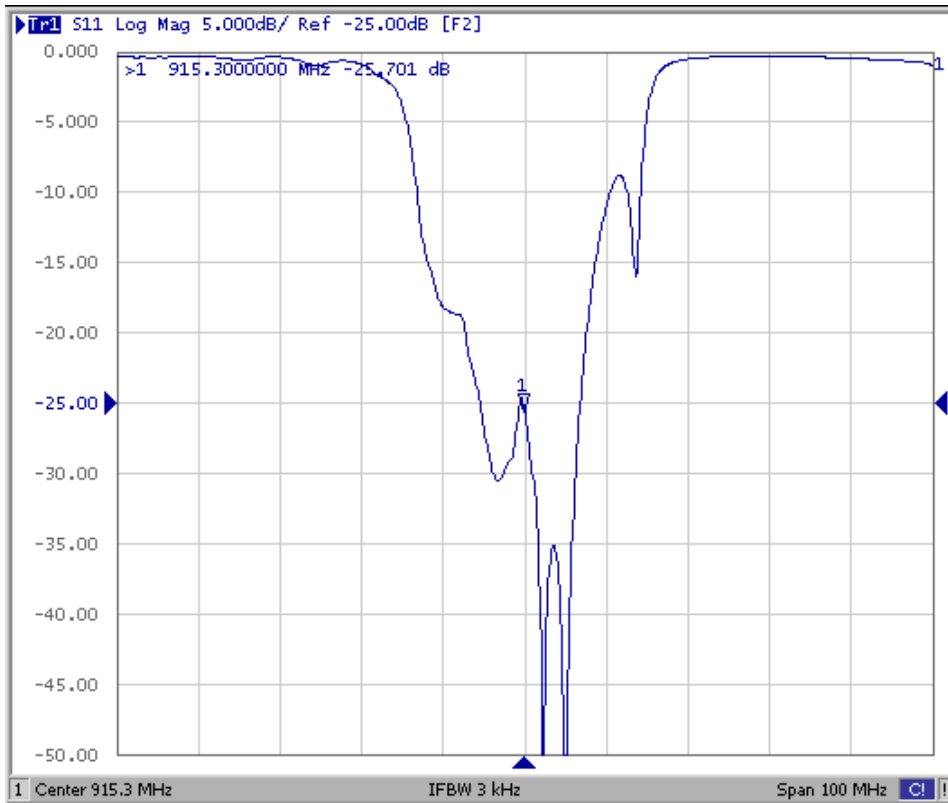


SAW Filter 915.30MHz
Part No: MP04311

Model: TA0832A
Rev No: 2

Reflection Functions

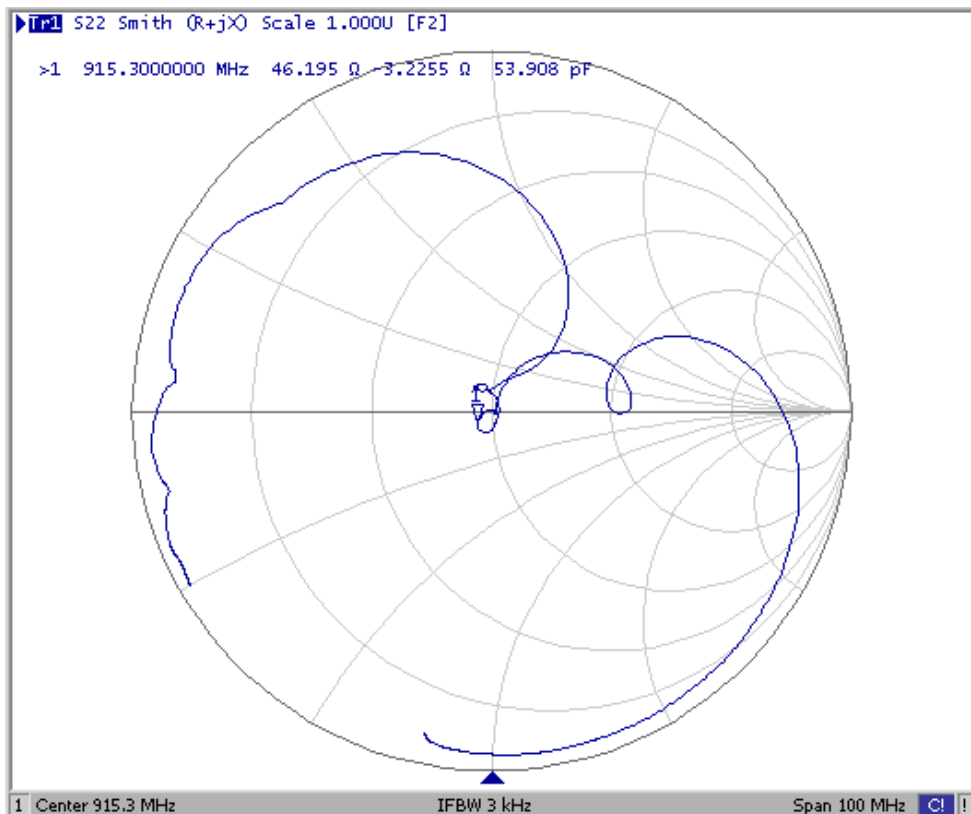
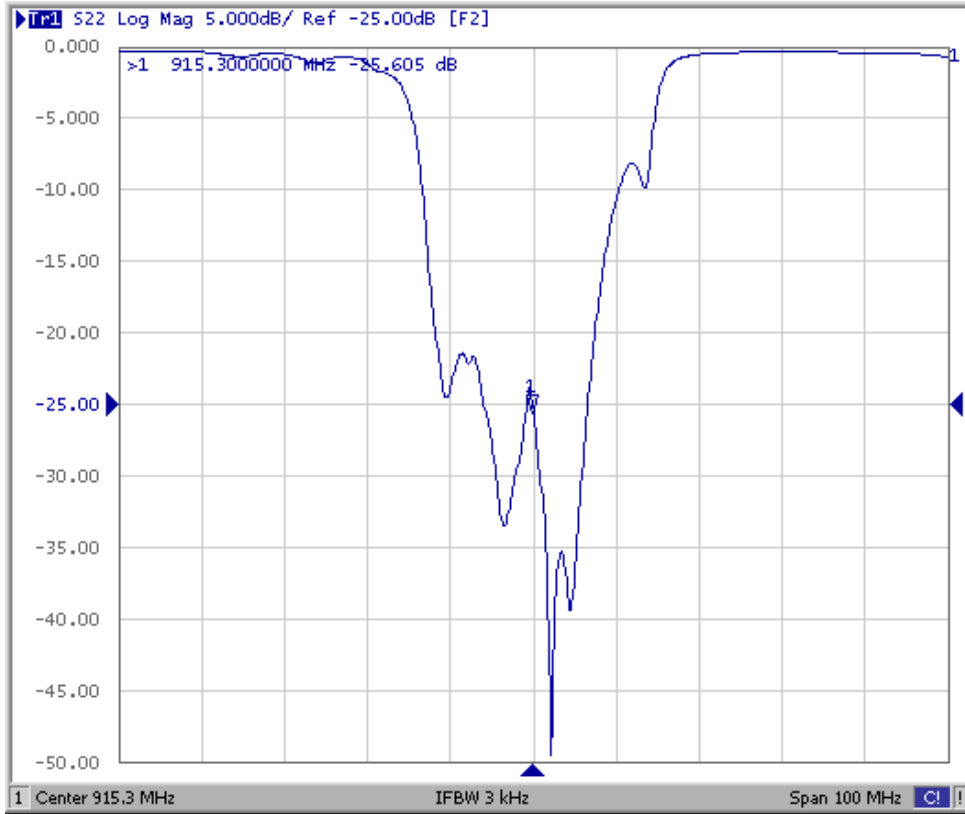
S11



SAW Filter 915.30MHz
Part No: MP04311

Model: TA0832A
Rev No: 2

S22



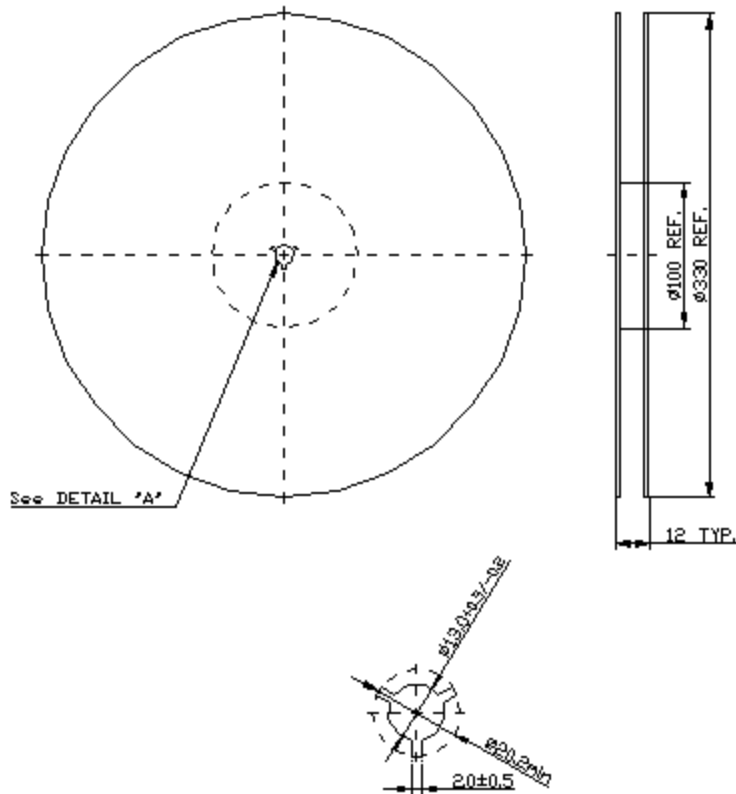
SAW Filter 915.30MHz
Part No: MP04311

Model: TA0832A
Rev No: 2

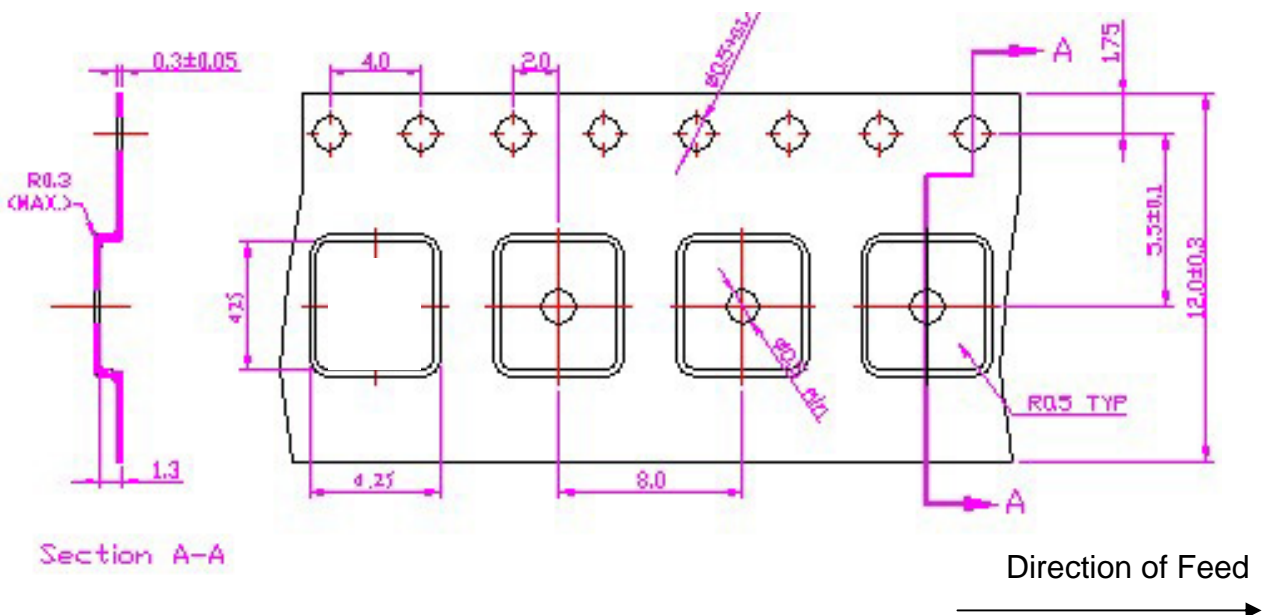
G. PACKING:

1. Reel Dimension

(Reel Count: 7" = 1000; 13" = 3000)



2. Tape Dimension



SAW Filter 915.30MHz
Part No: MP04311

Model: TA0832A
Rev No: 2

H. RECOMMENDED REFLOW PROFILE:

