

SAW Filter 1180.0MHz
Part No: MP05219

Model: TA0791A
Rev No: 2

A. MAXIMUM RATING:

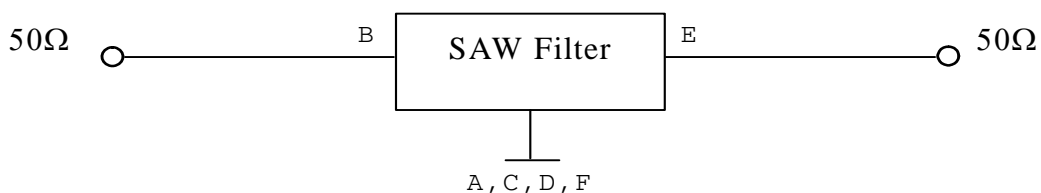
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +95°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1180	-	-
Insertion Loss (1160 ~ 1200MHz) IL	dB	-	2.7	5	-
Amplitude Ripple (1160 ~ 1200MHz)	dB	-	0.8	2.1	-
Group Delay Ripple (1160 ~ 1200MHz)	ns	-	15	75	-
Attenuation (Reference level from 0dB)					
Fc -60MHz	dB	45	60	-	-
Fc -50MHz	dB	40	55	-	-
Fc -40MHz	dB	35	43	-	-
Fc -35MHz	dB	8	37	-	-
Fc +35MHz	dB	-	17	-	-
Fc +40MHz	dB	5	24	-	-
Fc +50MHz	dB	15	34	-	-
Fc +60MHz	dB	30	40	-	-
Fc +100MHz	dB	-	50	-	-

C. MEASUREMENT CIRCUIT:

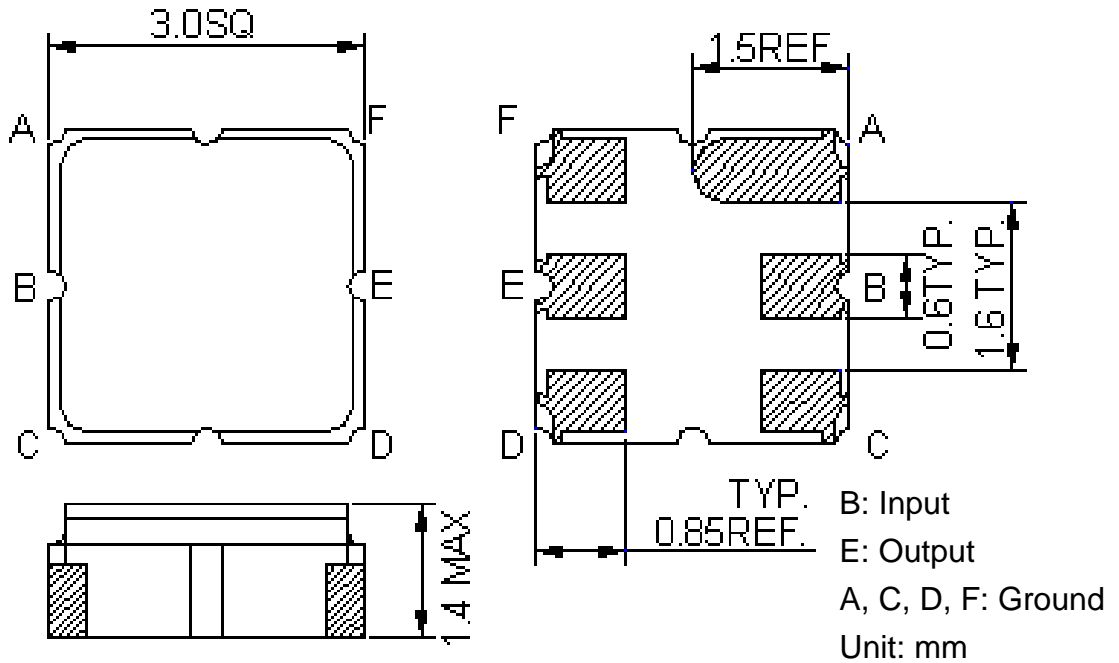
HP Network analyzer



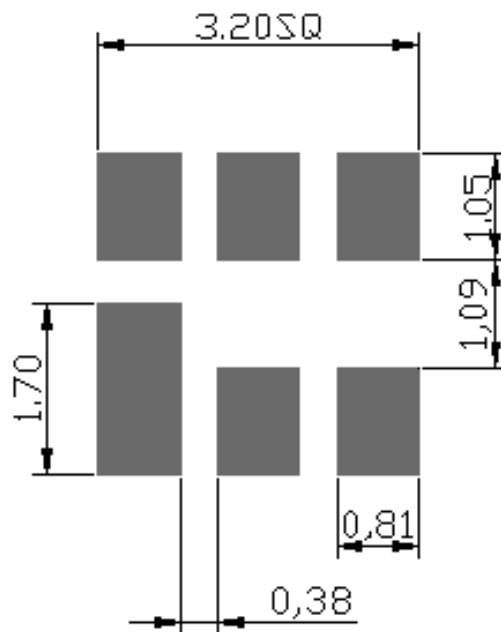
SAW Filter 1180.0MHz
Part No: MP05219

Model: TA0791A
Rev No: 2

D. OUTLINE DRAWING:



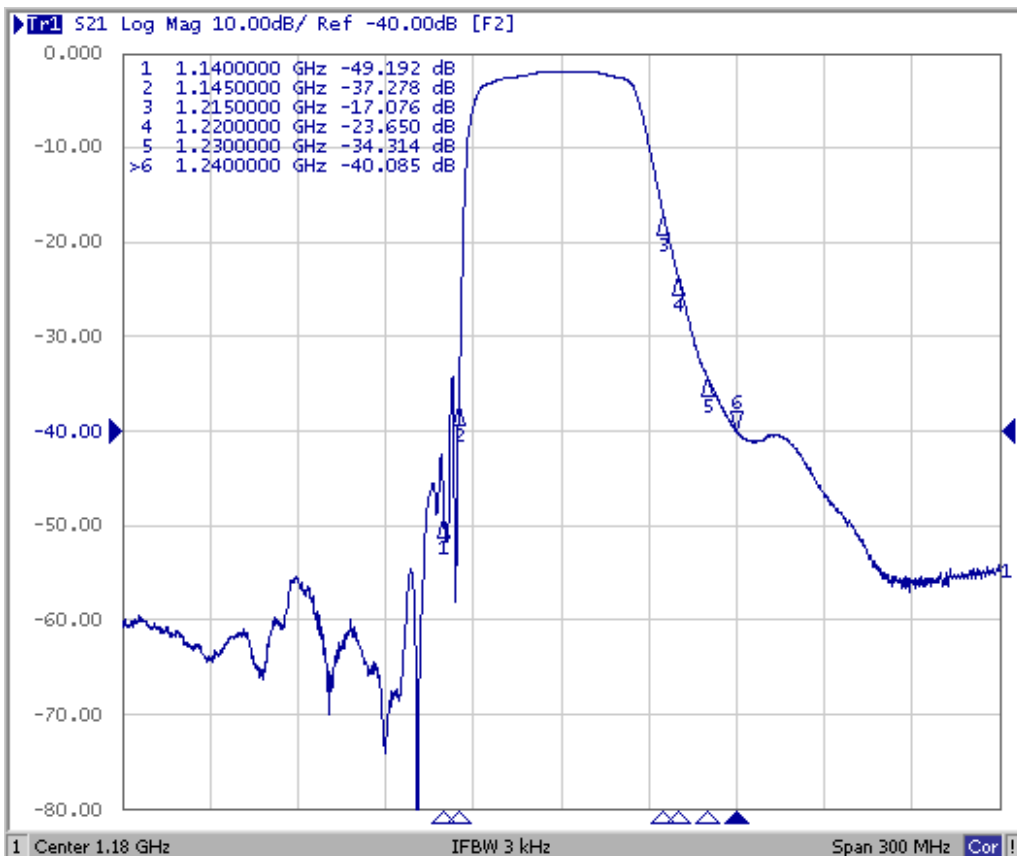
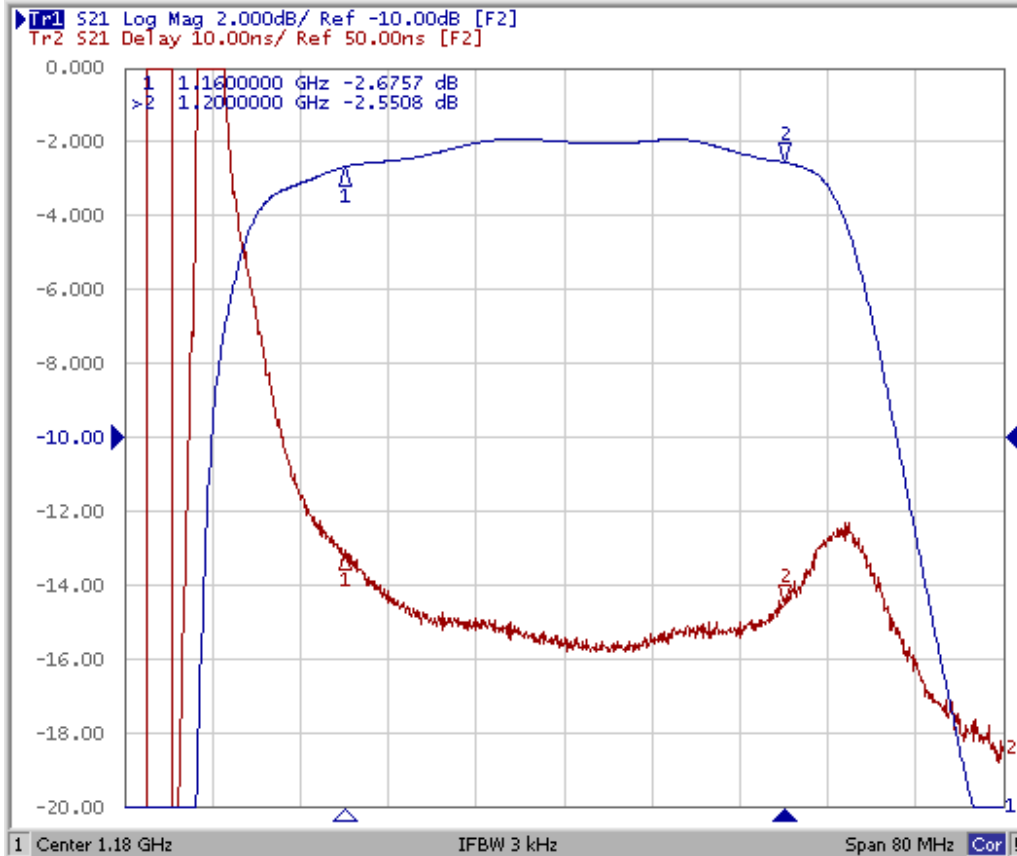
E. PCB FOOTPRINT:



SAW Filter 1180.0MHz
Part No: MP05219

Model: TA0791A
Rev No: 2

F. FREQUENCY CHARACTERISTICS:

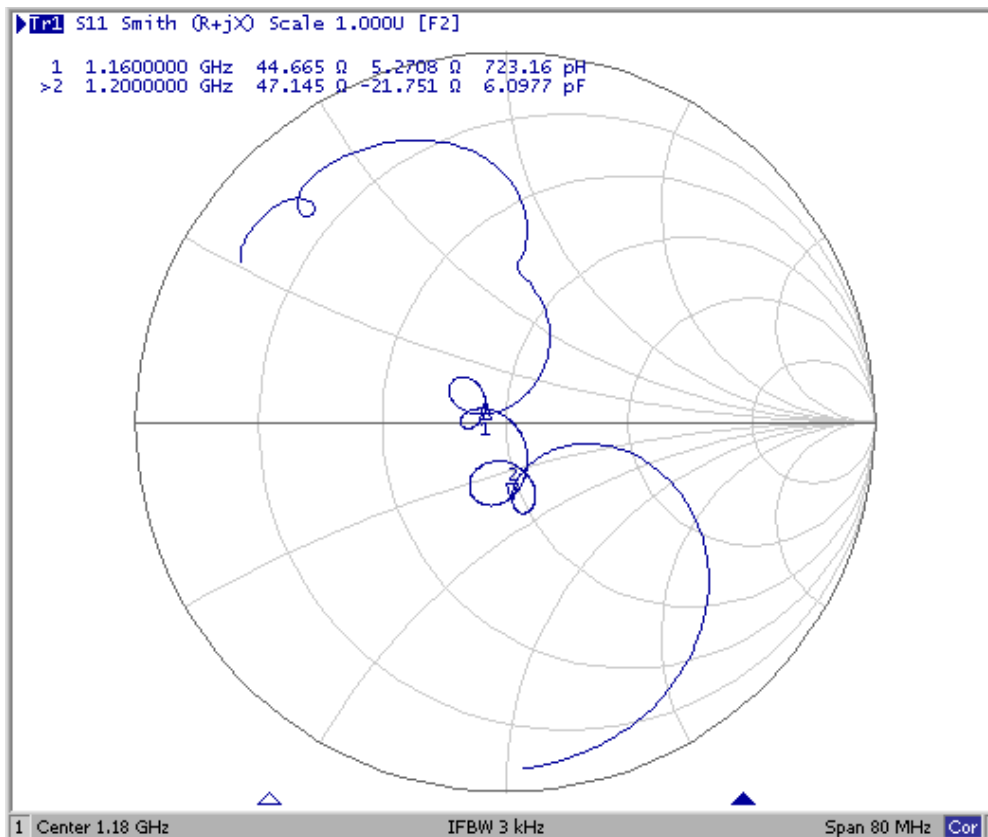
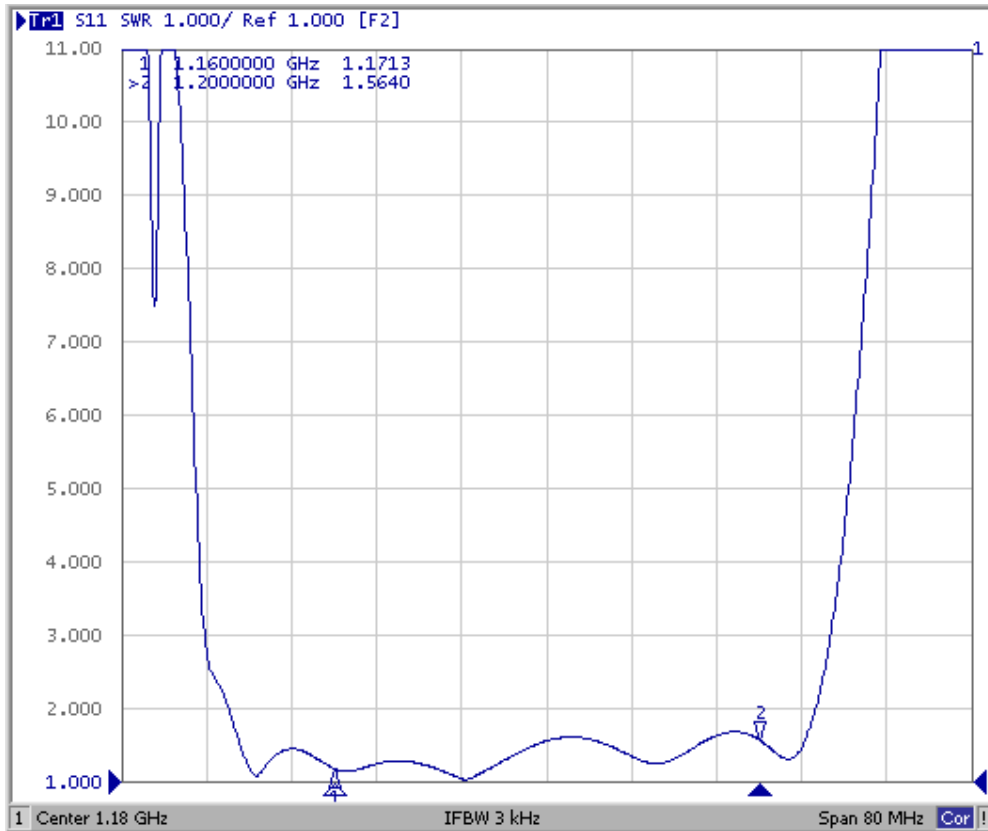


SAW Filter 1180.0MHz
Part No: MP05219

Model: TA0791A
Rev No: 2

Reflection Functions

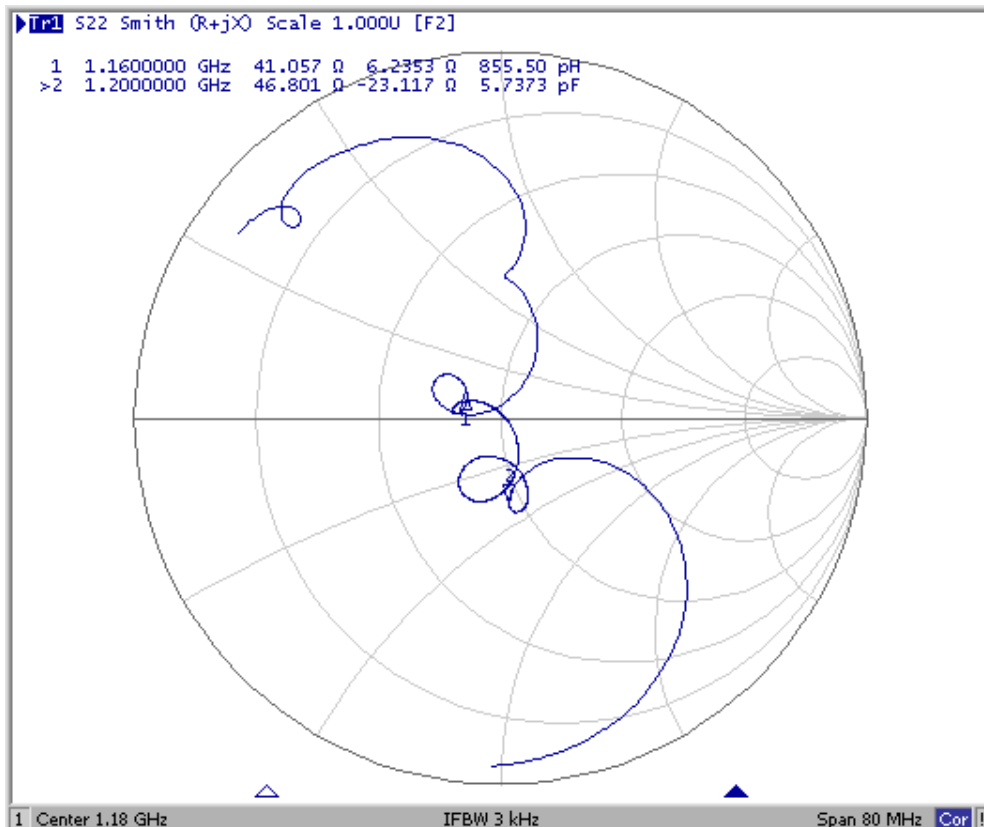
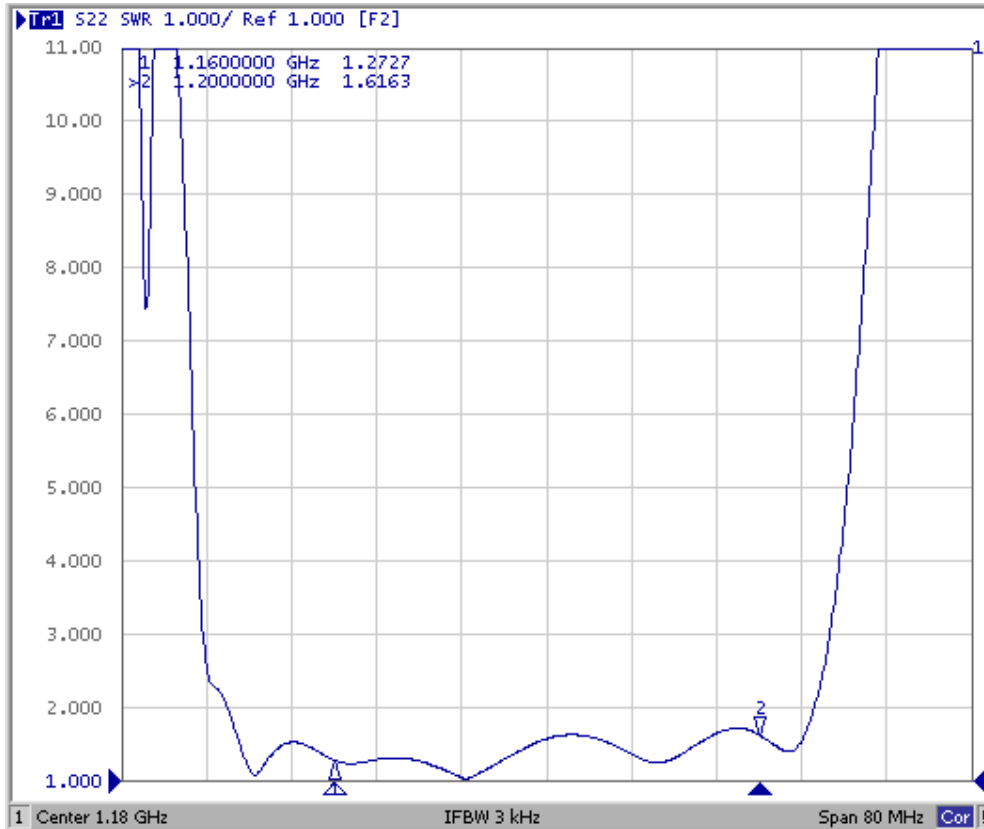
S11



SAW Filter 1180.0MHz
Part No: MP05219

Model: TA0791A
Rev No: 2

S22



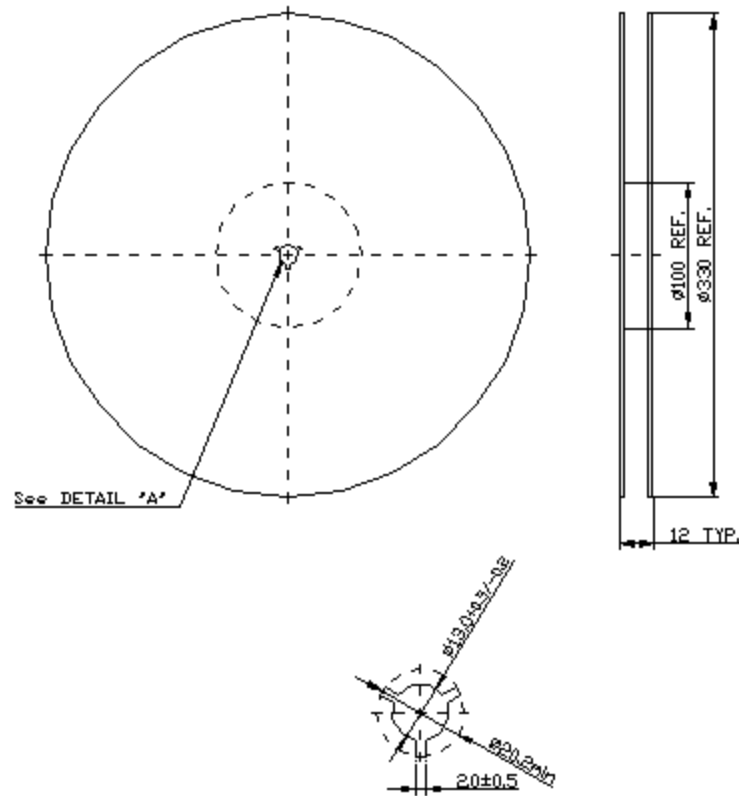
SAW Filter 1180.0MHz
Part No: MP05219

Model: TA0791A
Rev No: 2

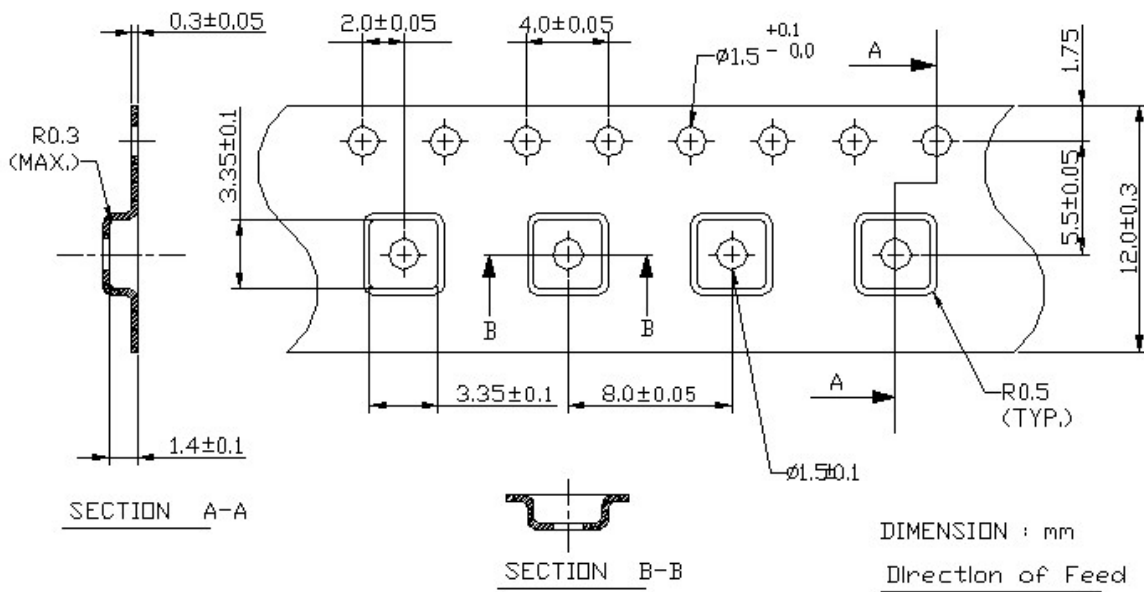
G. PACKING:

1. Reel Dimension

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



2. Tape Dimension



SAW Filter 1180.0MHz
Part No: MP05219

Model: TA0791A
Rev No: 2

H. RECOMMENDED REFLOW PROFILE:

