

SAW Filter 925.20MHz
Part No: MP06275

Model: TA1766A
Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

1. Input Power Level: 13dBm
2. DC Voltage: 0V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

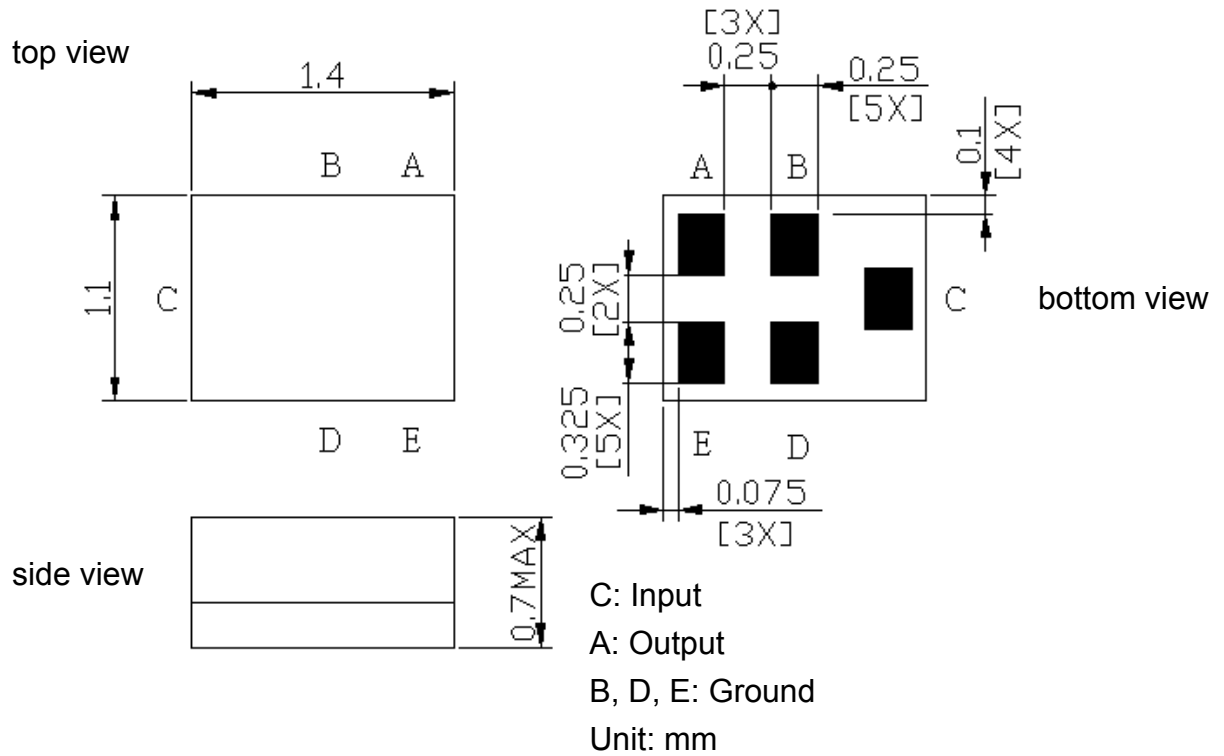
1. Terminating source impedance (single): $Z_S = 50\Omega$
2. Terminating load impedance (single): $Z_L = 50\Omega$

Item	Unit	Min	Typ.	Max
Center Frequency Fc	MHz	-	925.2	-
Insertion Loss (922.3 ~ 928.1MHz) IL	dB		2.5	3.5max
Amplitude ripple (922.3 ~ 928.1MHz)	dB		0.6	1.5max
VSWR				
Input (922.3 ~ 928.1MHz)			1.4	2.0
Output (922.3~928.1MHz)			1.4	2.0
Attenuation				
10 ~ 815MHz	dB	30	35	
815 ~ 875MHz	dB	30	35	
875 ~ 905MHz	dB	30	35	
905 ~ 912MHz	dB	15	20	
945 ~ 950MHz	dB	35	40	
950 ~ 1150MHz	dB	35	40	
1150 ~ 1856MHz	dB	30	35	
1856 ~ 2500MHz	dB	26	30	
Package size	mm	SMD 1411		

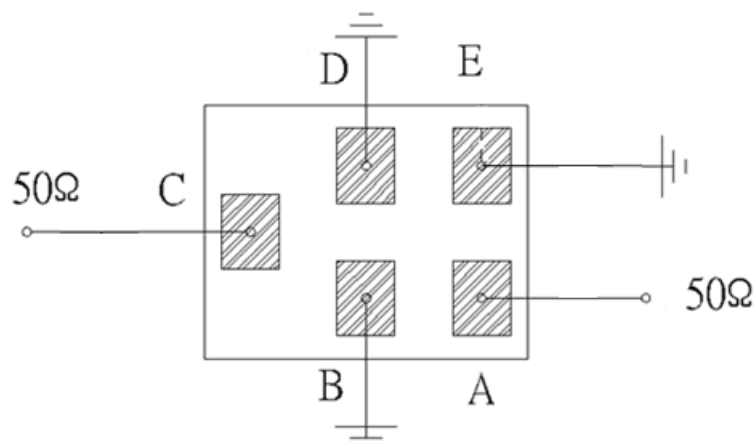
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C. OUTLINE DRAWING:



D. MEASUREMENT CIRCUIT:

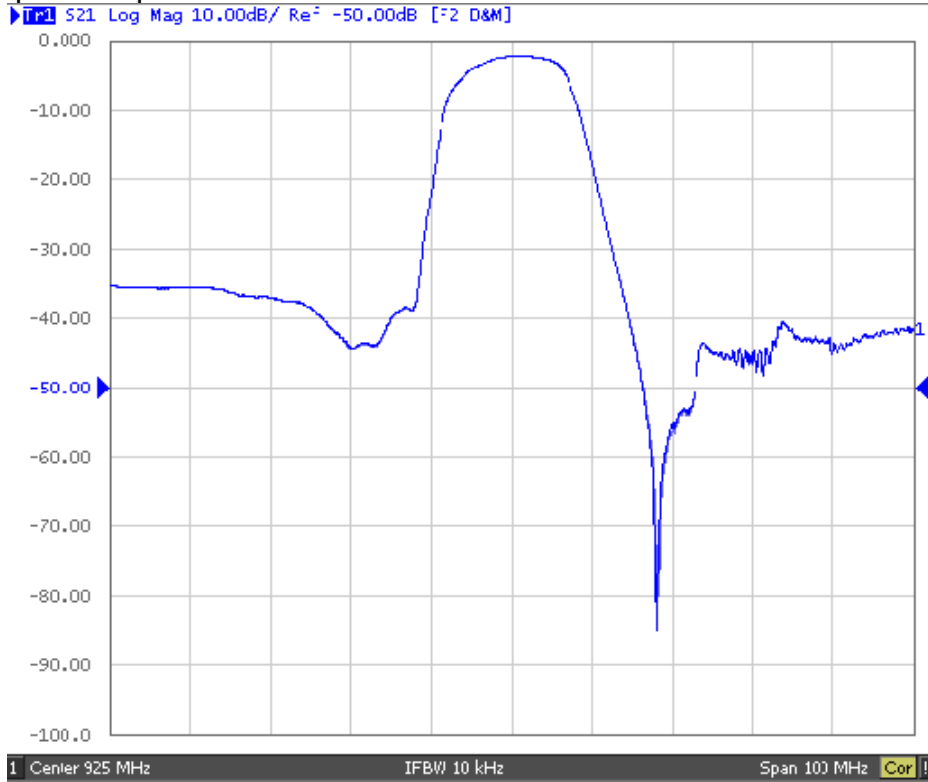


SAW Filter 925.20MHz
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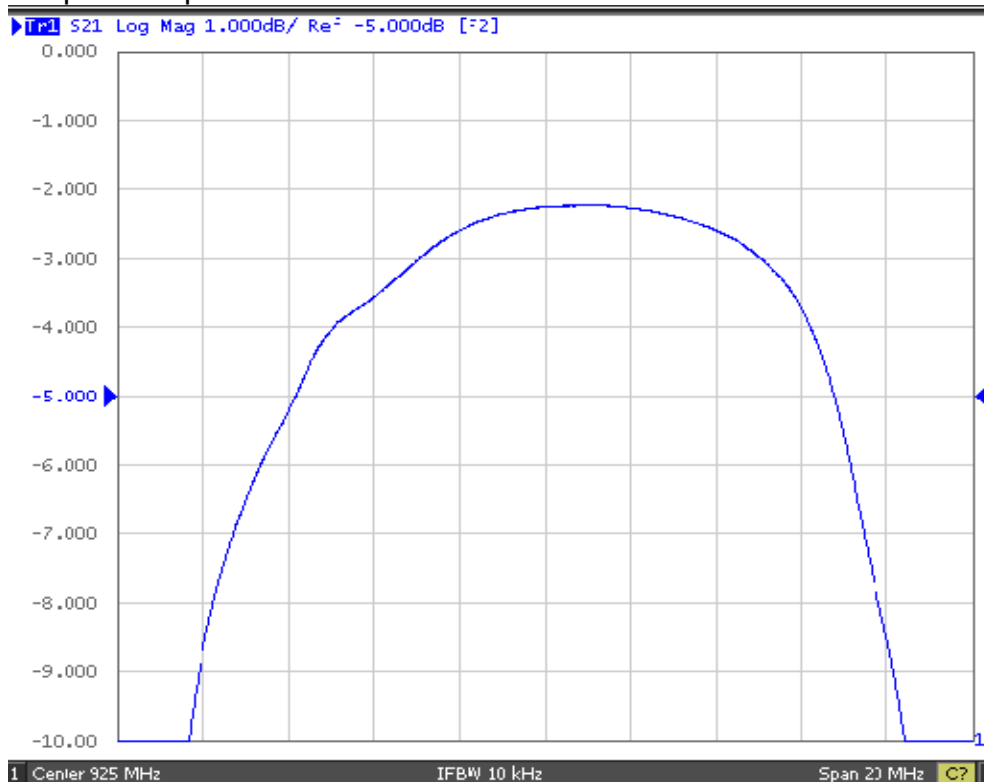
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E. FREQUENCY CHARACTERISTICS:

1. S21 response: span 100 MHz



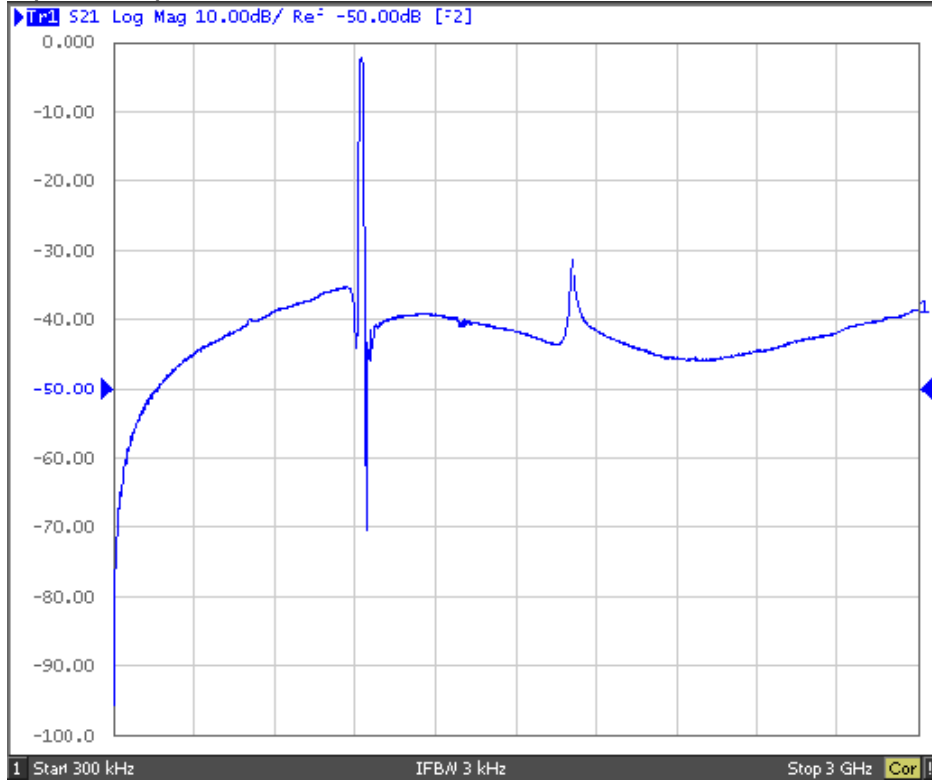
2. S21 response: span 20 MHz



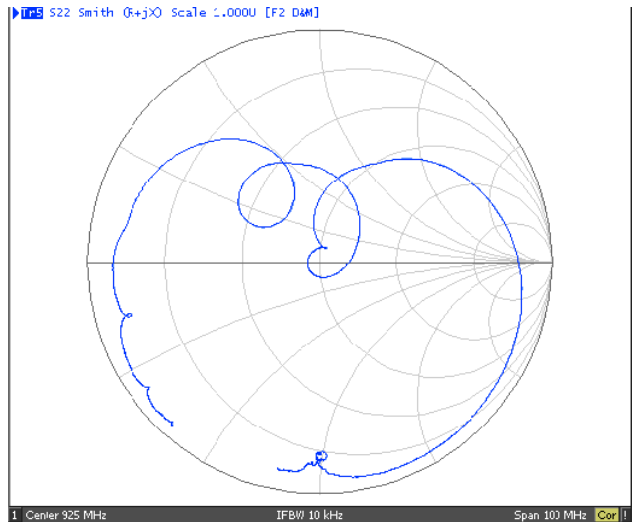
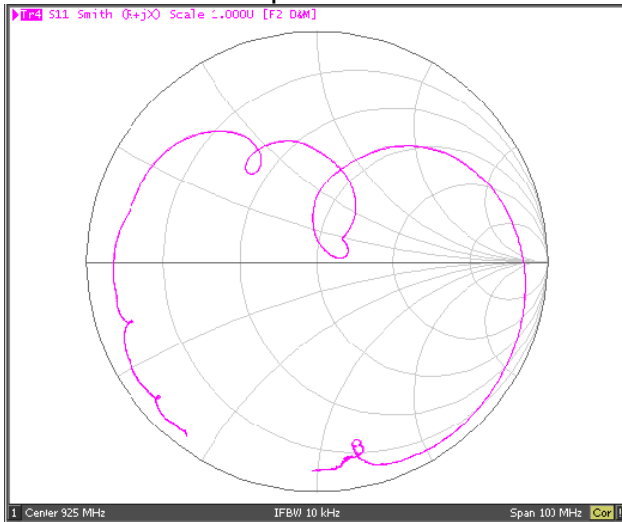
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3. S21 response: span 3GHz



4. S11/S22 response:

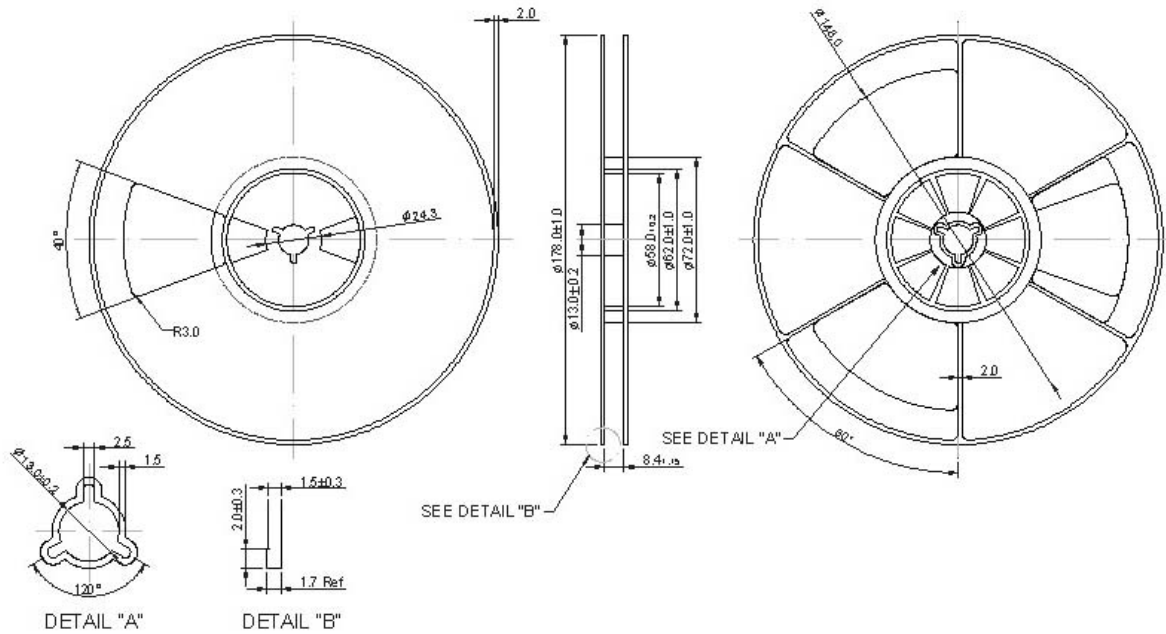


SAW Filter 925.20MHz
Part No: MP06275

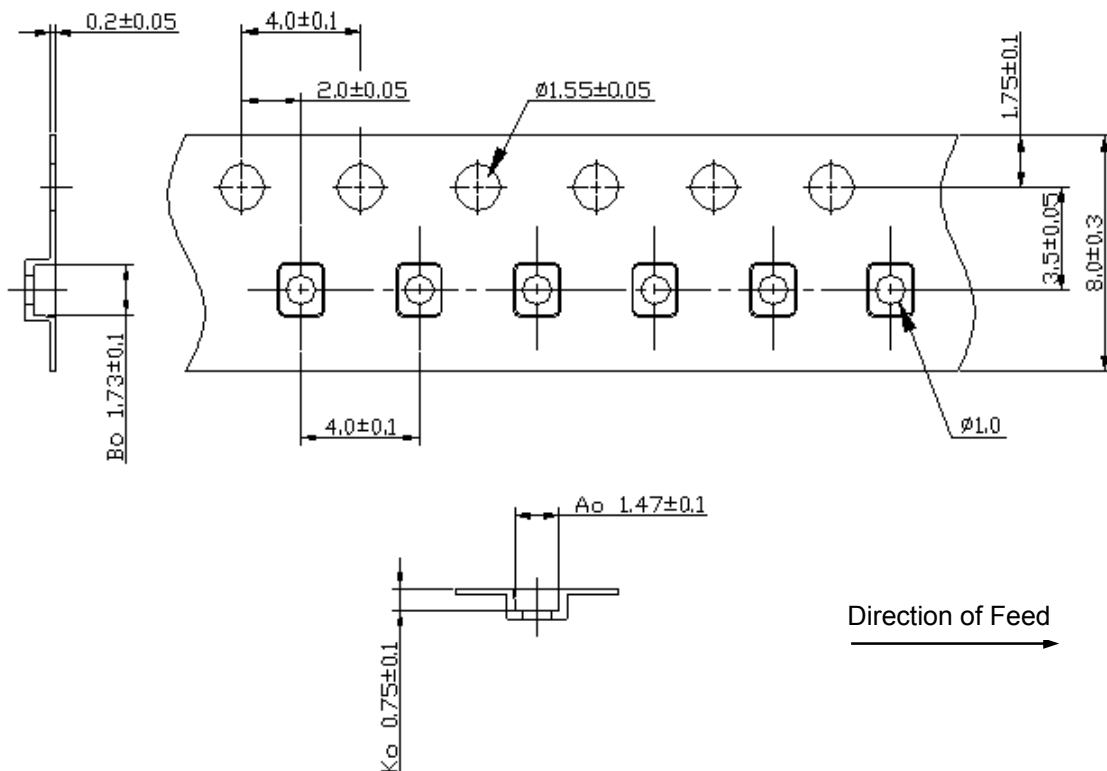
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F. PACKING:

1. Reel Dimension (Please refer to FR-75D10 for packing quantity)



2. Tape Dimension



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G. RECOMMENDED REFLOW PROFILE:

