

SAW Filter 403.50MHz

Model: TA1775A

Part No: MP07079

Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

1. Input Power Level: 15dBm
2. DC Voltage: 3V
3. Operating Temperature: 30°C to +70°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

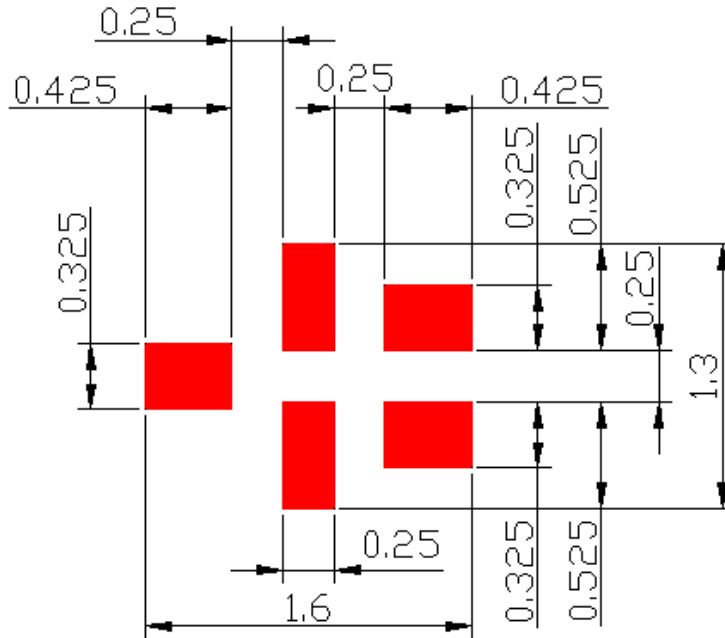
1. Terminating source impedance: $Z_S = 50\Omega$ (single)
2. Terminating load impedance: $Z_L = 200\Omega$ (balanced)


Item	Unit	Min.	Typ.	Max.	Note
Center Frequency F_c	MHz	-	403.5	-	-
Insertion Loss (401 ~ 406MHz) IL	dB	-	2.6	4.0	-
-1.5dB Band Width BW	dB	3.0	6.1	-	-
Amplitude ripple (401 ~ 406MHz)	dB	-	0.6	2.0	
Input VSWR (401 ~ 406MHz)		-	1.6	2.0	-
Output VSWR (401 ~ 406MHz)		-	1.5	2.0	-
Attenuation					
D.C ~ 380MHz	dB	30	58	-	-
380 ~ 398MHz	dB	15	20	-	-
412 ~ 430MHz	dB	20	27	-	-
430 ~ 2000MHz	dB	30	62	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-	-

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E. PCB FOOTPRINT:



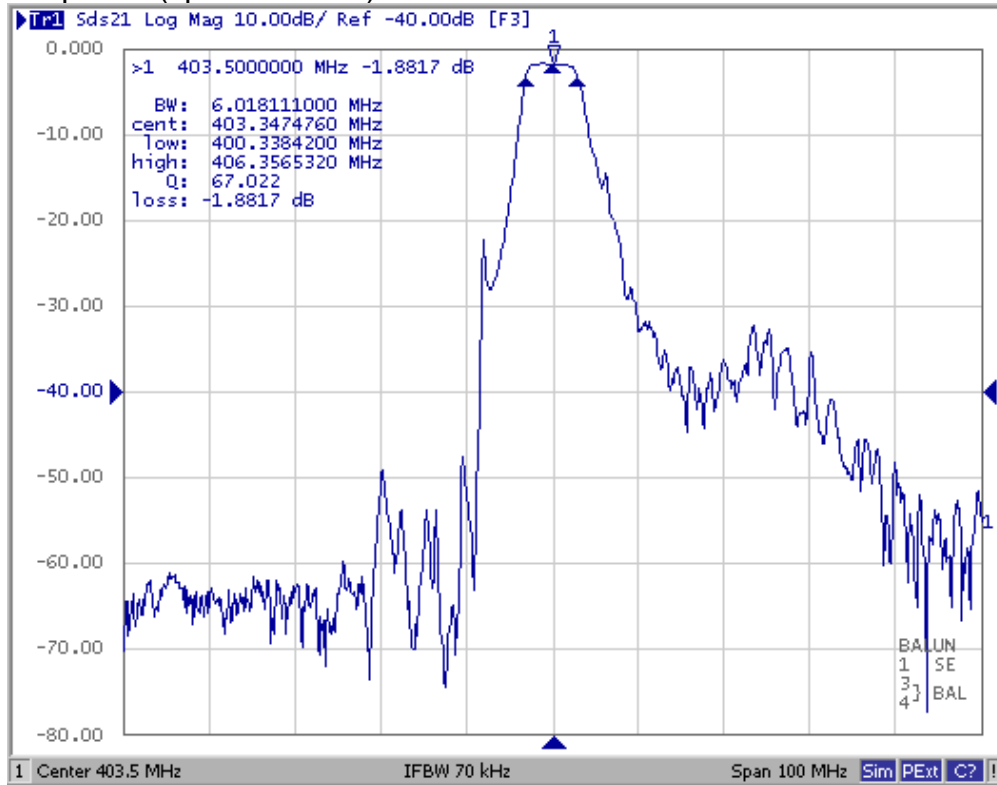
 : Land Pattern
Unit : mm

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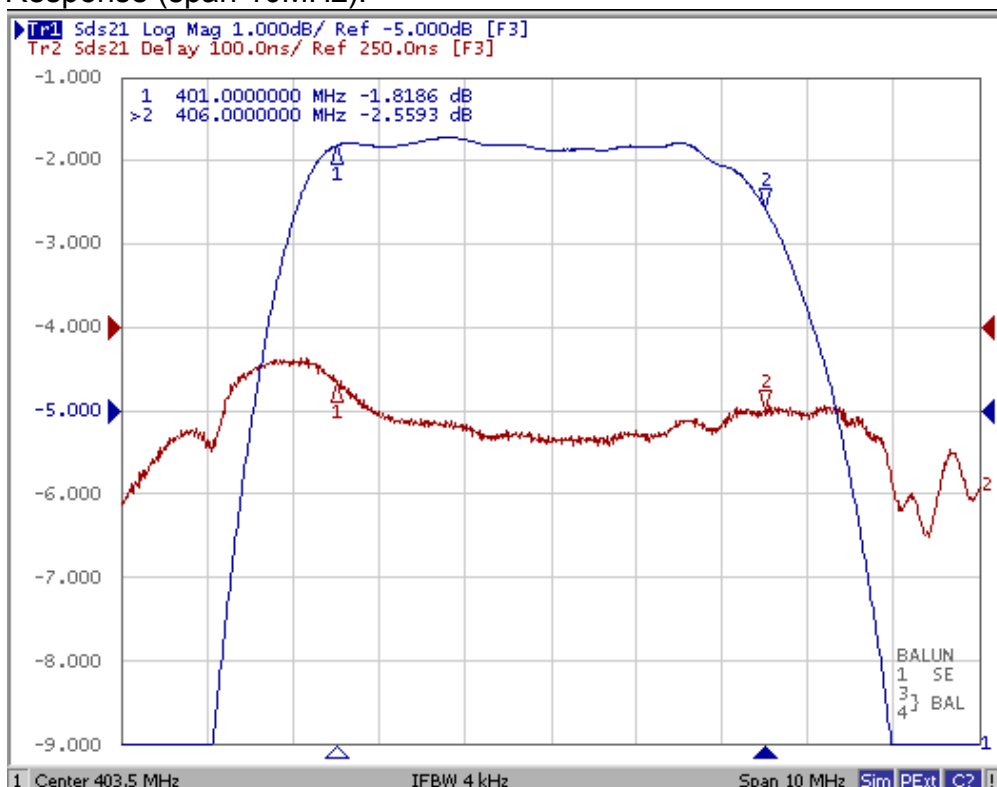
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F. FREQUENCY CHARACTERISTICS:

1. S21 Response (span 100MHz):



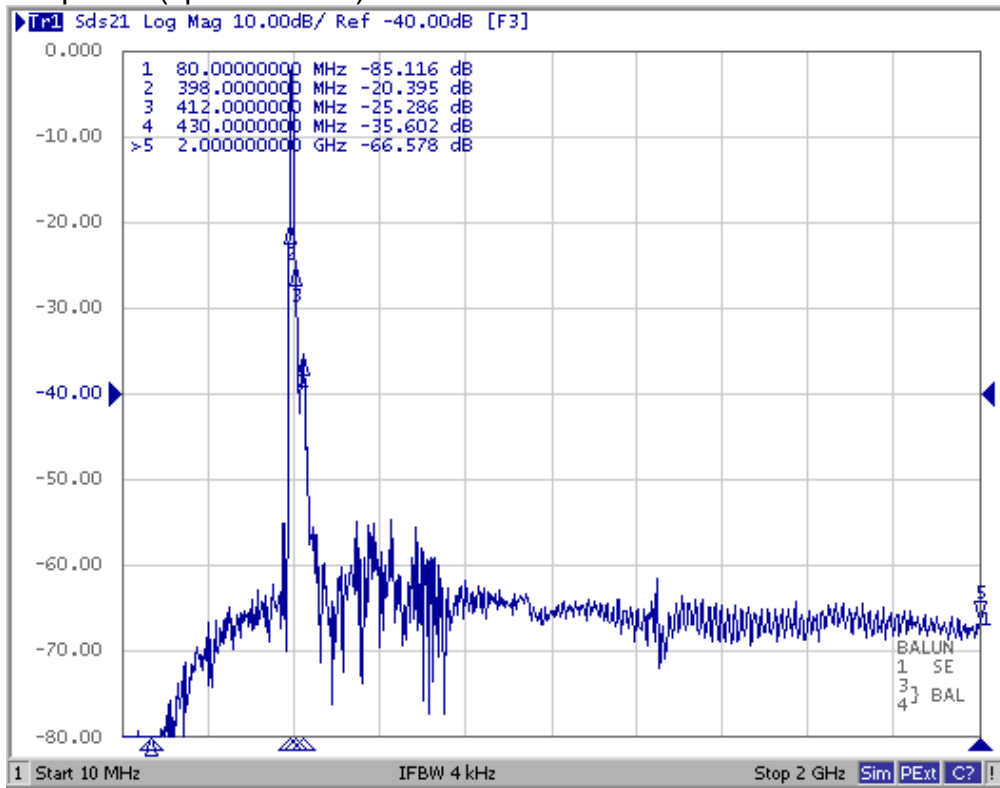
2. S21 Response (span 10MHz):



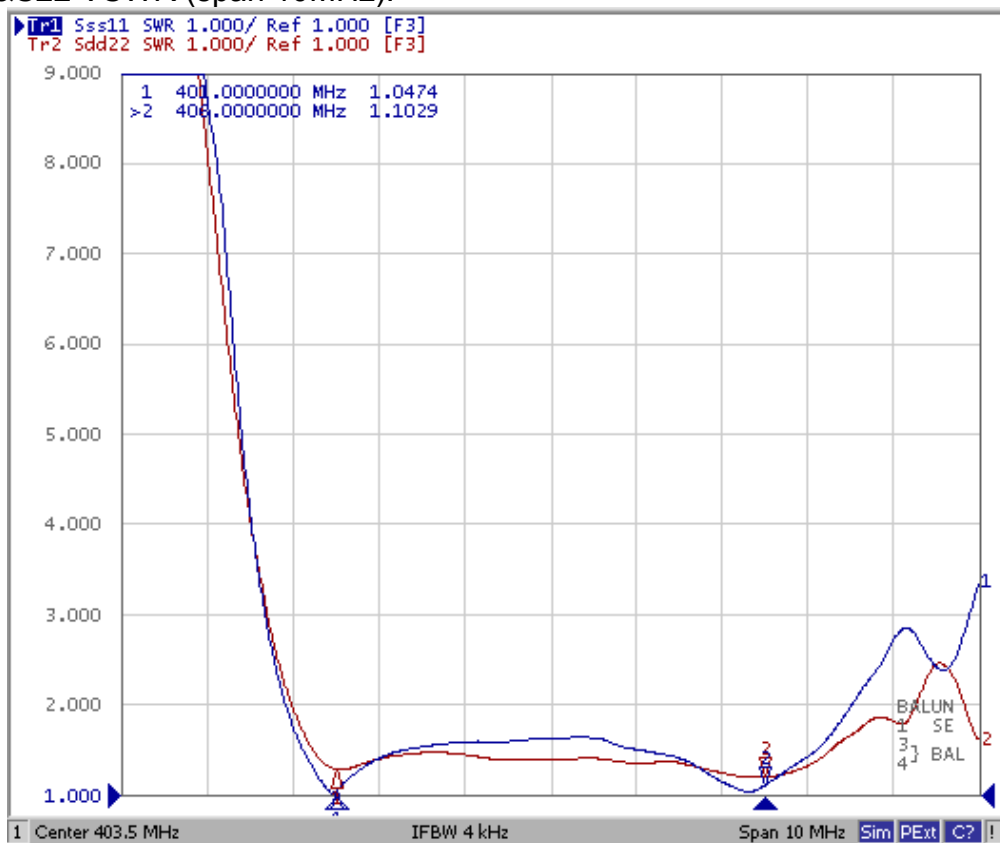
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3. S21 Response (span 2.0GHz):



4. S11&S22 VSWR (span 10MHz):

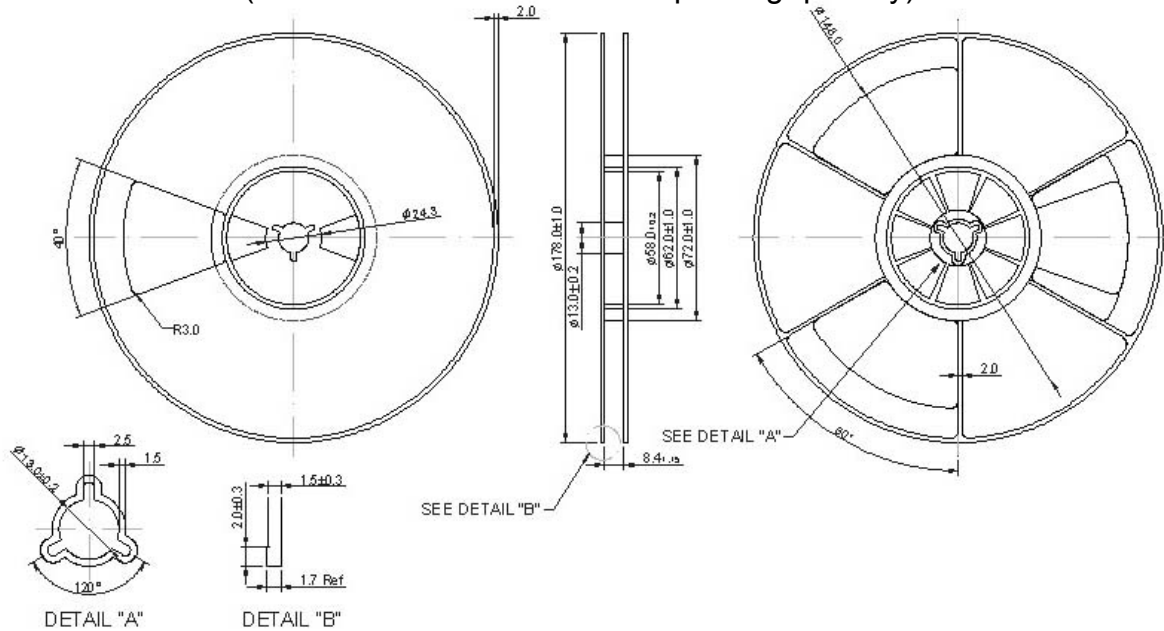


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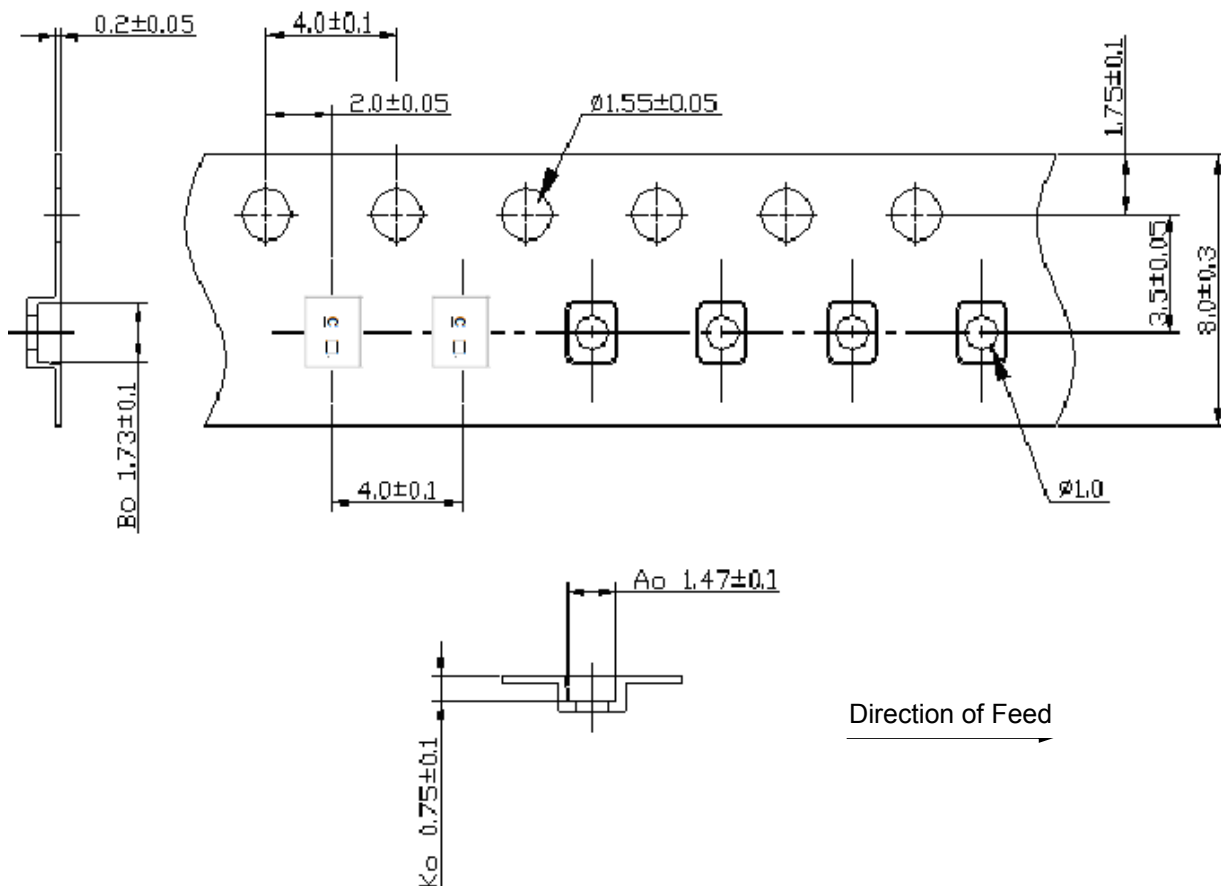
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G. PACKING:

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



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

