

SAW Filter 1575.420MHz

Model: TA0757B

Part No: MP01897

Rev. No:1

A. MAXIMUM RATING:

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

B. ELECTRICAL CHARACTERISTICS:

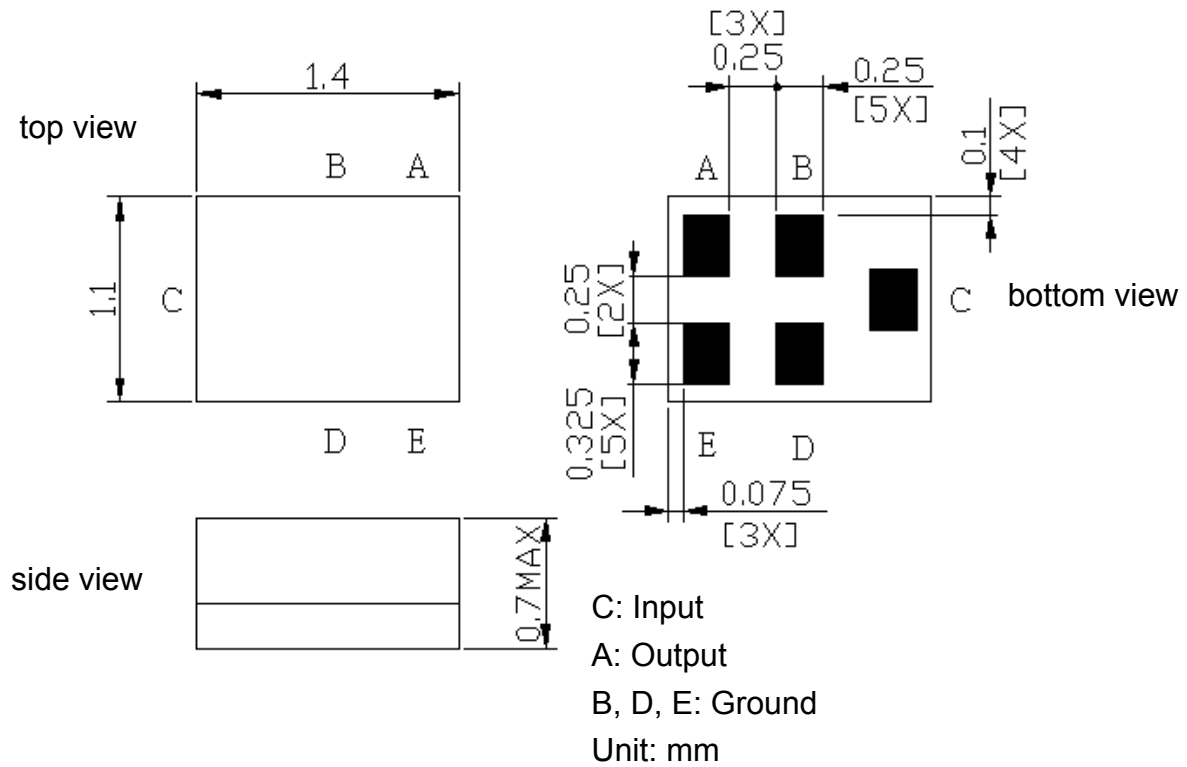
1. Terminating source impedance: $Z_S = 50\Omega$
2. Terminating load impedance: $Z_L = 50\Omega$

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency F_c	MHz	-	1575.42	-	-
Max. Insertion Loss (1574.42 ~ 1576.42MHz) IL	dB	-	1.2	1.6	-
Amplitude ripple (1574.42 ~ 1576.42MHz)	dB	-	0.1	0.75	-
Bandwidth @ -2dB	MHz	-	40	-	
VSWR (1574.42 ~ 1576.42MHz)		-	1.15	1.6	-
Attenuation					
DC ~ 1450MHz	dB	35	38	-	-
1450 ~ 1520MHz	dB	30	45	-	-
1625 ~ 1640MHz	dB	45	48	-	-
1640 ~ 1805MHz	dB	38	40	-	-
1805 ~ 1910MHz	dB	38	40	-	-
1910 ~ 2000MHz	dB	38	43	-	-
2000 ~ 4000MHz	dB	30	45	-	-
4000 ~ 6000MHz	dB	20	22	-	-

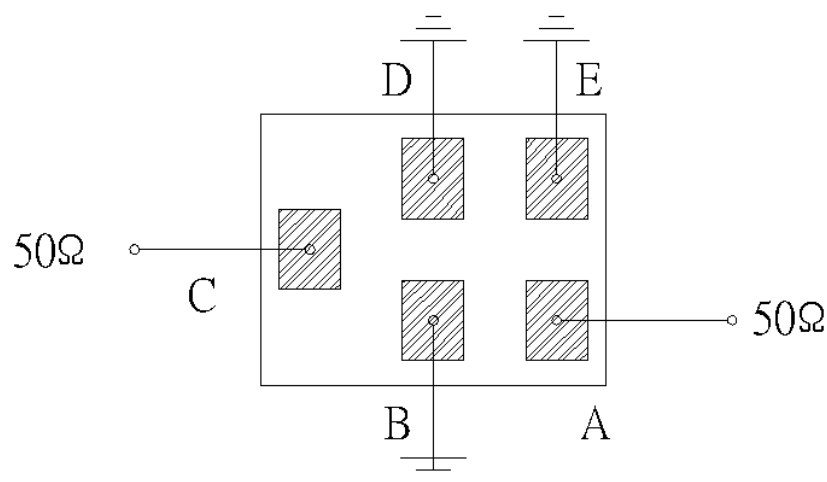
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C. OUTLINE DRAWING:



D. MEASUREMENT CIRCUIT:



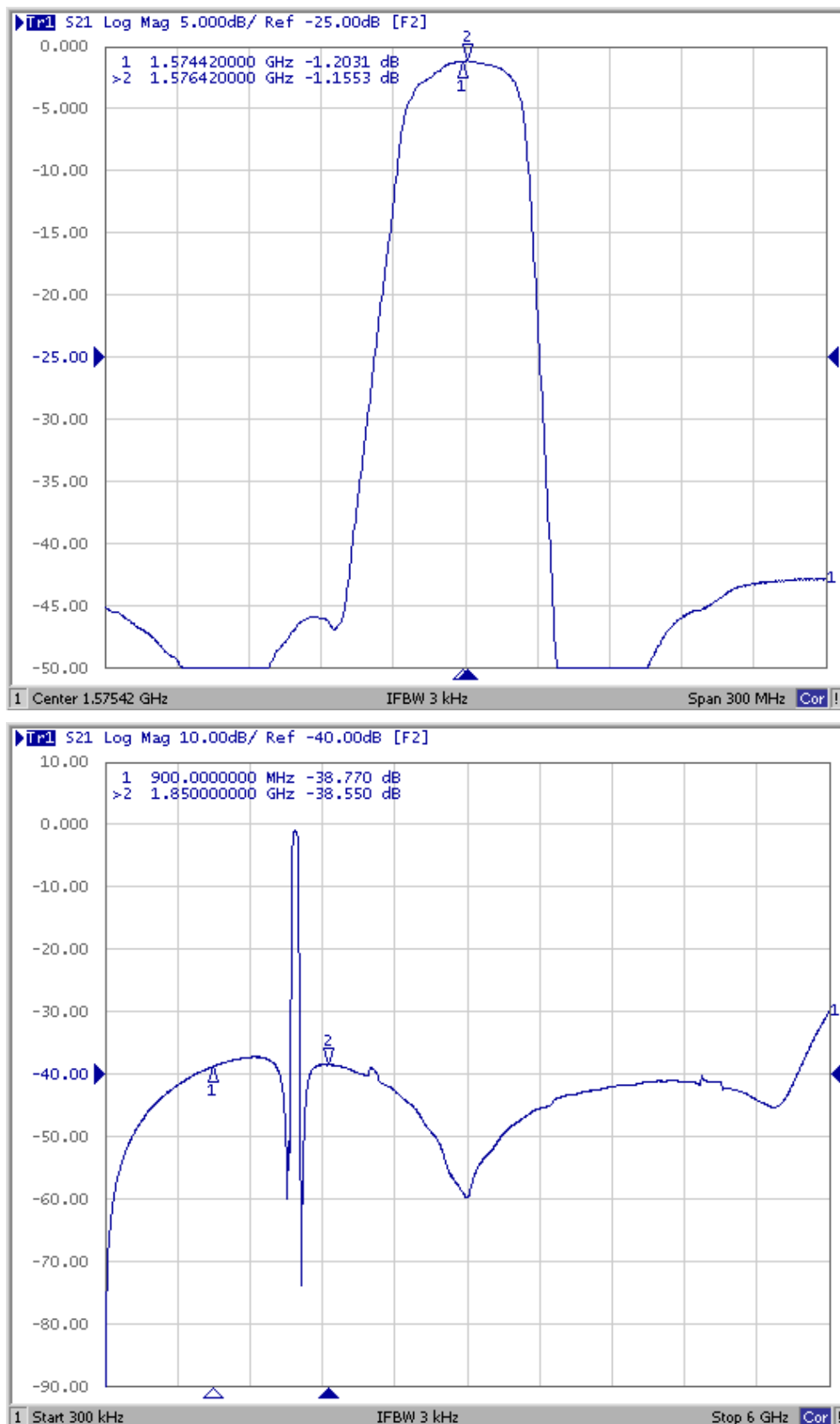
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E. FREQUENCY CHARACTERISTICS:



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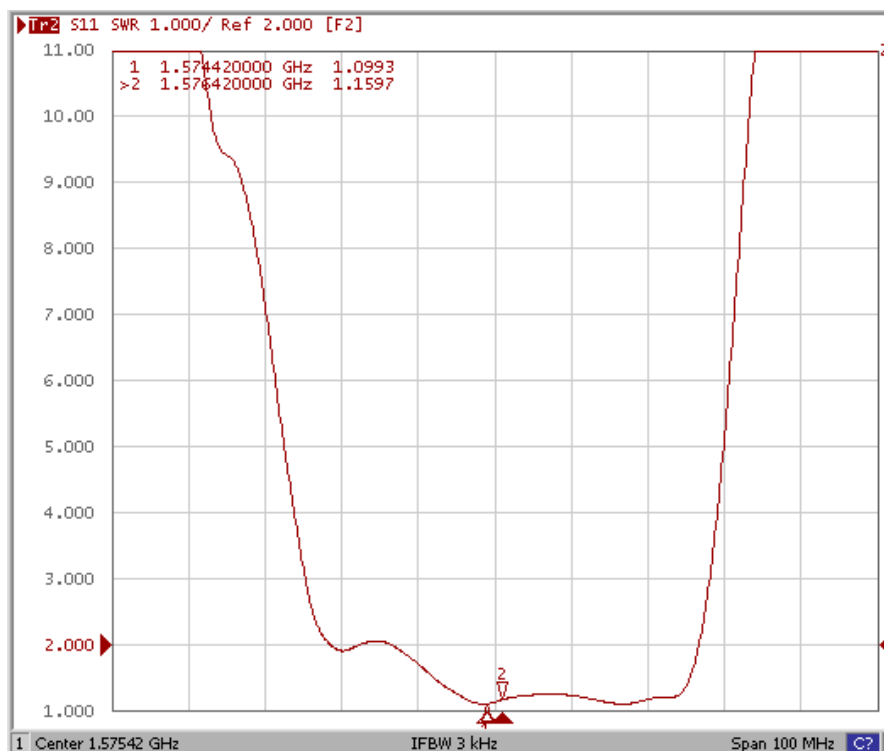
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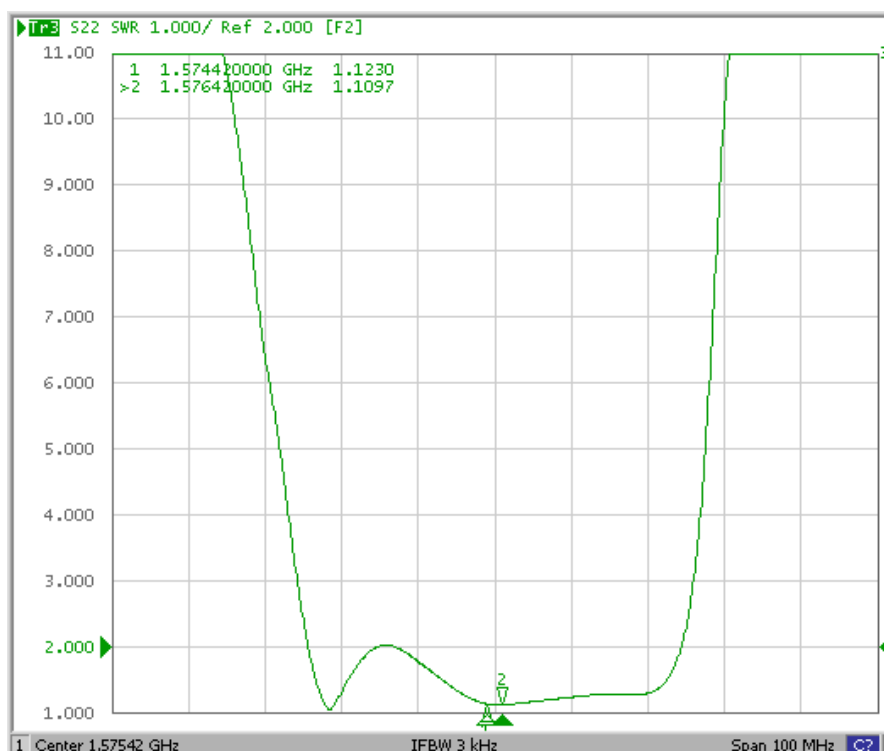
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Reflection Functions

S11



S22

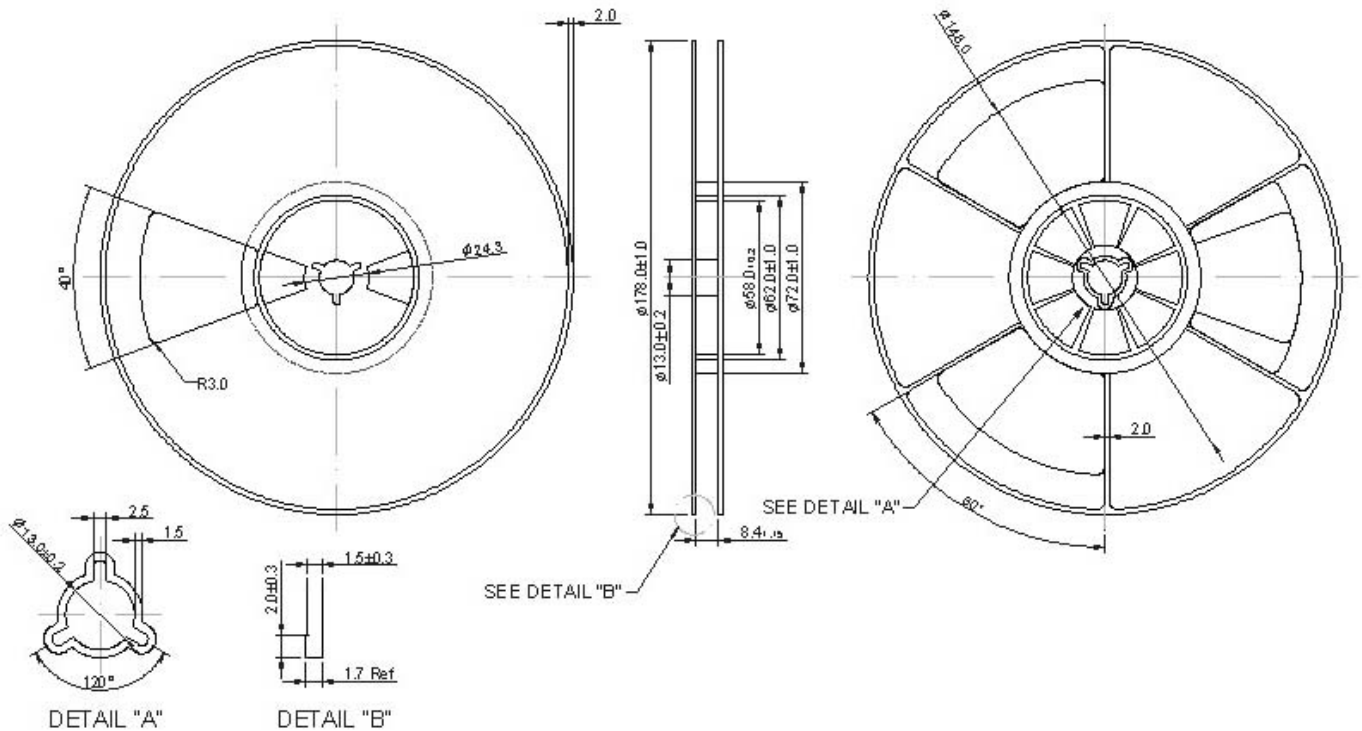


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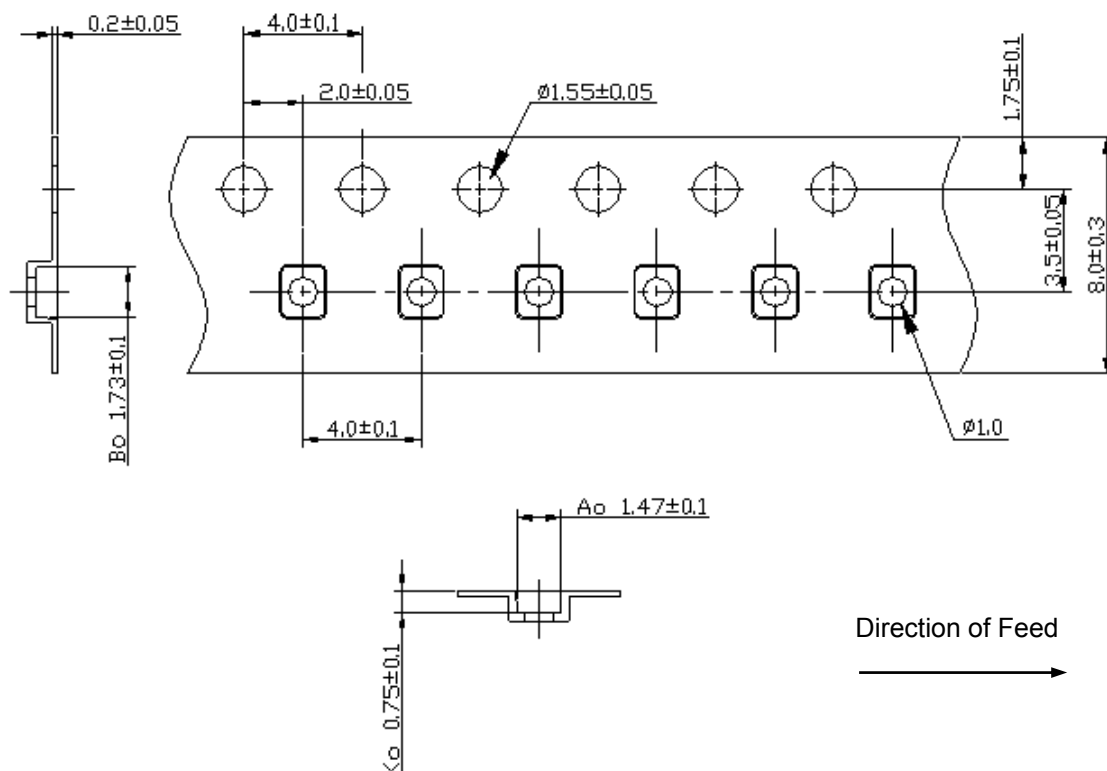
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F. PACKING:

1. Reel Dimension (Reel Count: 7" = 3000)



2. Tape Dimension



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F. RECOMMENDED REFLOW PROFILE:

