

SAW Filter 480MHz
Part No: MA09805

Model: TB0400A
Rev No: 2

A. MAXIMUM RATING:

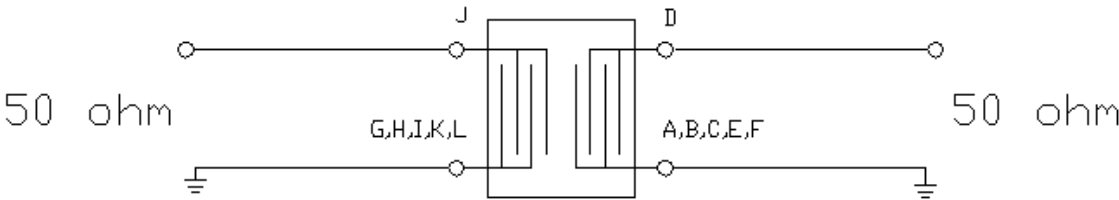
- 1. Operating Temperature: -10°C to 60°C
- 2. Storage Temperature: -40°C to 85°C
- 3. Input Power Level: 10dBm

B. CHARACTERISTICS:

Ambient Temperature: 23°C

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	480	-
Insertion Loss IL	dB	-	15.3	22
3dB Bandwidth	MHz	9	12.1	-
35dB Bandwidth	MHz	-	20.0	22
Passband Ripple 476.4 - 483.6MHz	dB	-	0.30	1
Group Delay Variation 475.5 - 484.5MHz	nsec	-	14	50
Source Impedance	Ω	-	50	-
Load Impedance	Ω	-	50	-
Temperature Coefficient	ppm/°C	-	-23	-
Substrate Material	-	-	LiTaO3	-

C. TEST FIXTURE:

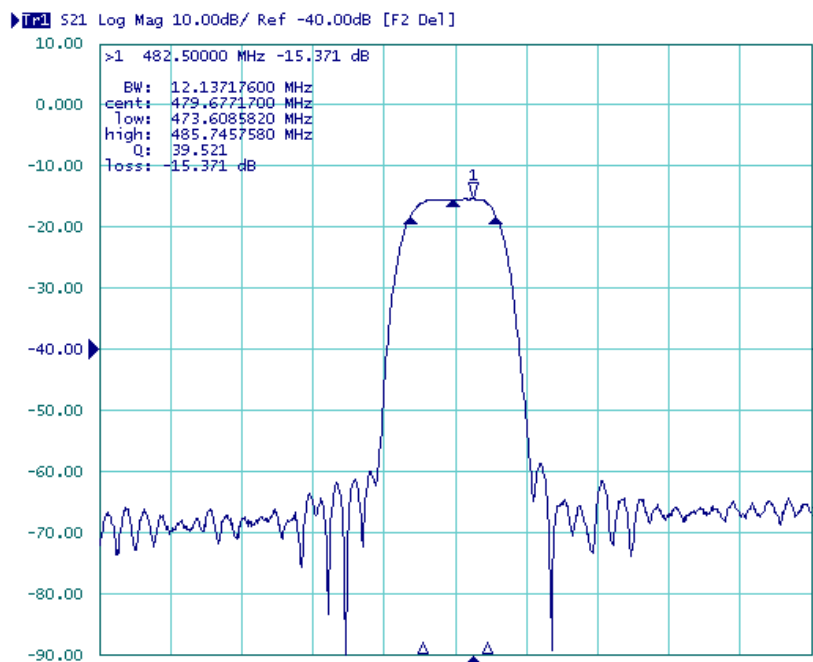


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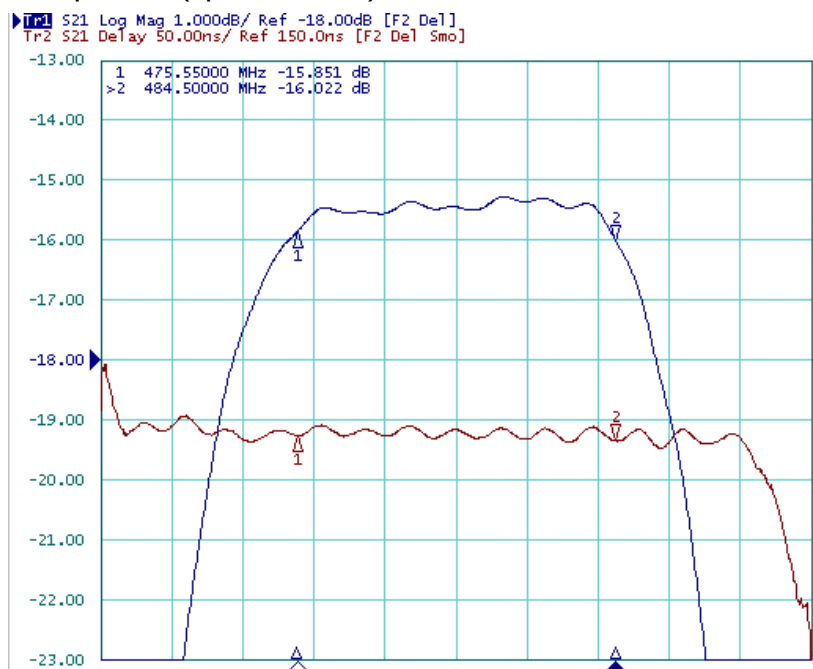
D. FREQUENCY CHARACTERISTICS:

1. S21 Response: (span 100MHz)



Horizontal: 100MHz/Div Vertical: 10dB/Div

2. Pass band Response: (span 20MHz)

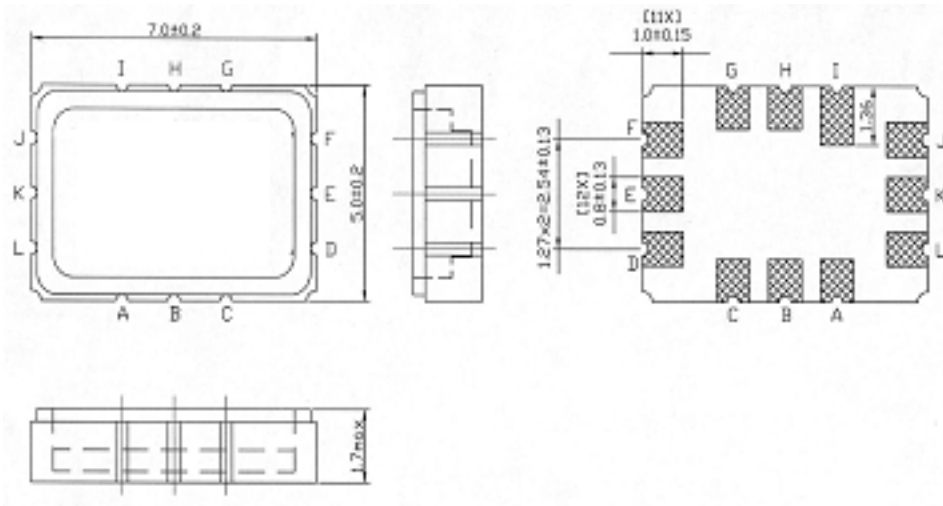


Horizontal: 0.3MHz/Div Vertical 1: 1dB/Div Vertical 2: 50nS/Div

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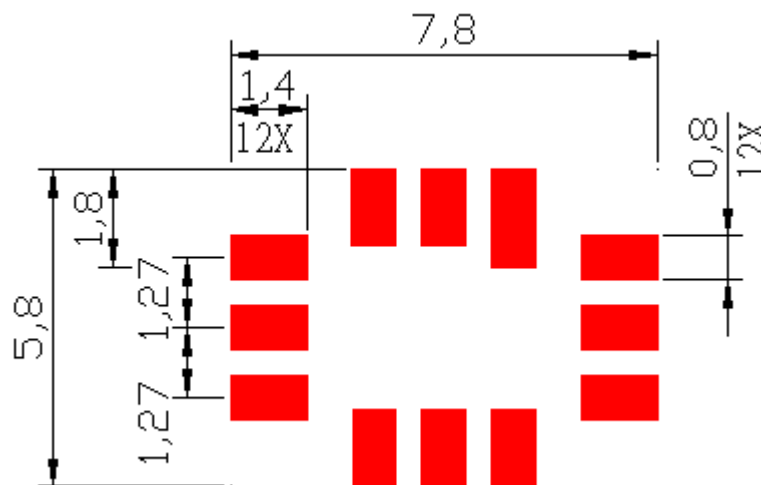
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E. OUTLINE DRAWING:



D: Balanced Input +
 C: Balanced Input -
 J: Balanced Output +
 I: Balanced Output -
 A, B, E, F, G, H, K, L: To be Ground
 Unit: mm

F. PCB FOOTPRINT:

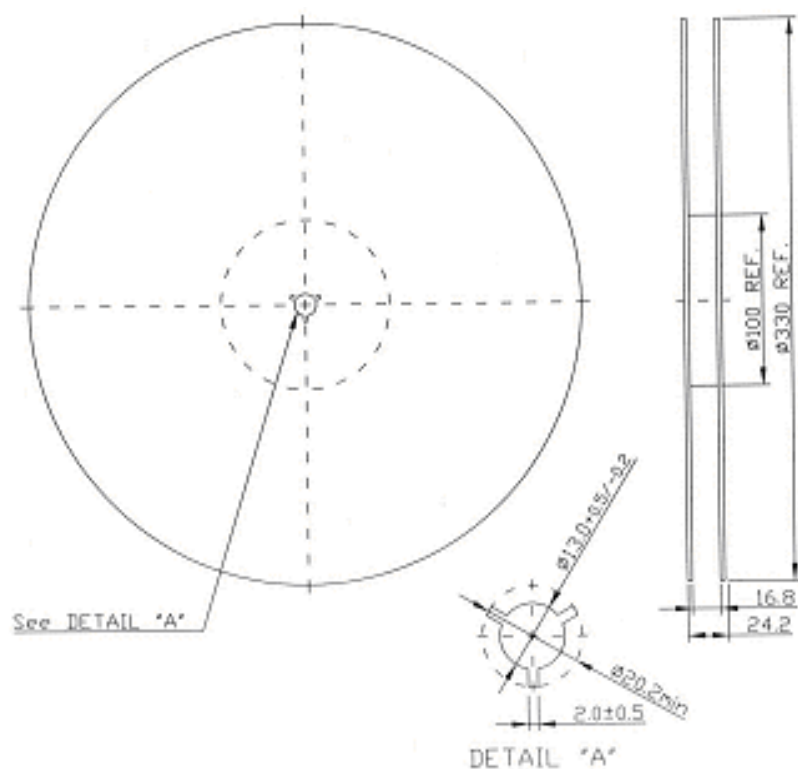


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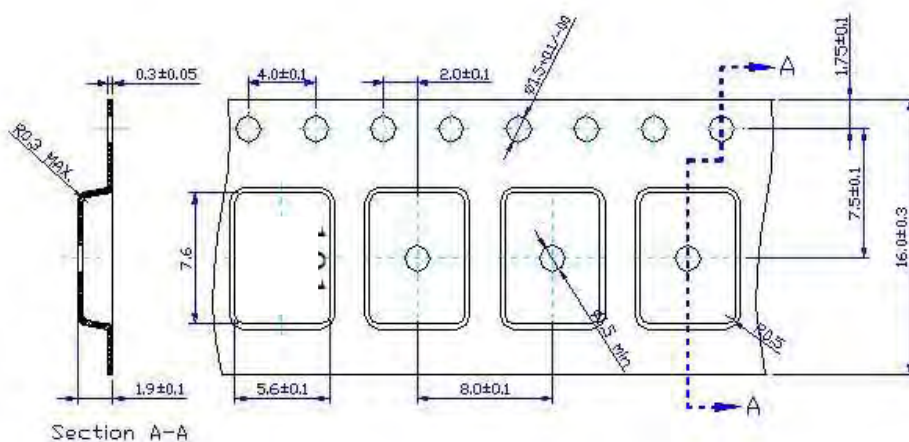
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



Direction of feed