

SAW Filter 881.5MHz

Model: TA0184A

Part No: MA05687

Rev No: 3

A. MAXIMUM RATING:

1. Input Power Level: 15dBm
2. DC voltage: -5 ~ +5V
3. Operating Temperature: -25°C to +80°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

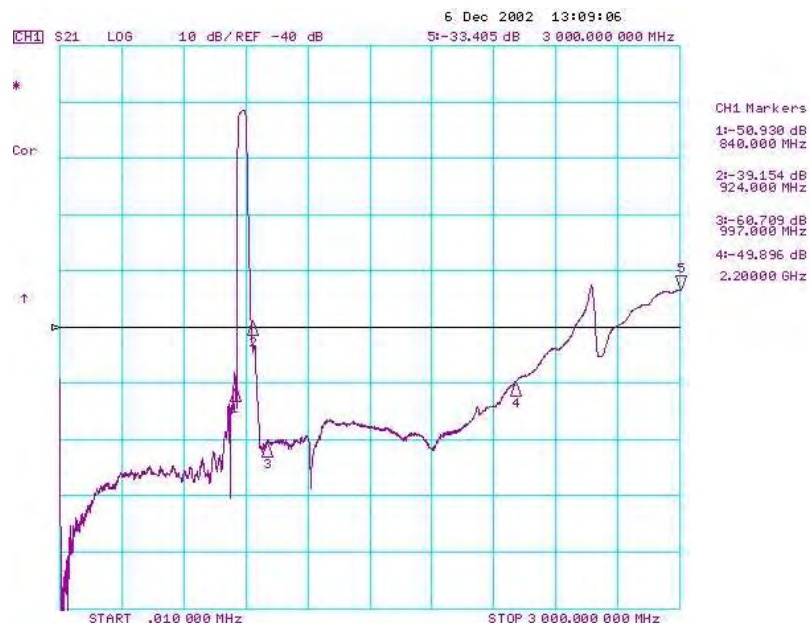
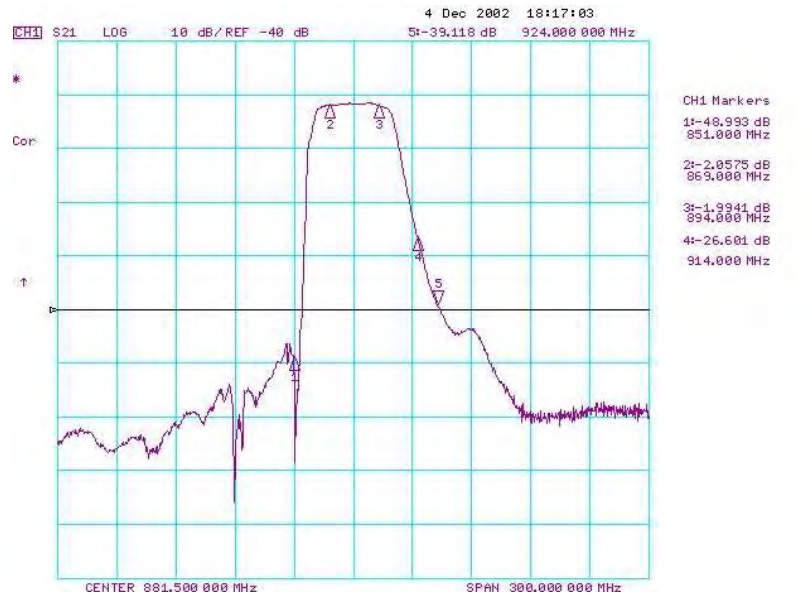
Item	Min.	Typ.	Max.
Center frequency Fc MHz	-	881.5	-
Insertion loss 869 ~ 894MHz IL (dB)	-	2.1	2.8
Amplitude ripple 869 ~ 894MHz (dB)	-	0.6	1.2
Return loss 869 ~ 894MHz	9.0	12.0	-
Attenuation (Reference level from 0dB)			
DC ~ 840MHz (dB)	45	50	-
840 ~ 851MHz (dB)	38	45	-
914 ~ 924MHz (dB)	20	26	-
924 ~ 950MHz (dB)	34	39	-
950 ~ 997MHz (dB)	35	48	-
997 ~ 2200MHz (dB)	40	48	-
2200 ~ 3000MHz (dB)	27	33	-
Tx band suppression 824 ~ 849MHz (dB)	38	45	-
Source impedance Z _S (Ω)	-	50	-
Load impedance Z _L (Ω)	-	50	-

Note1. No matching network required for operation at 50Ω

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C. FREQUENCY CHARACTERISTICS:

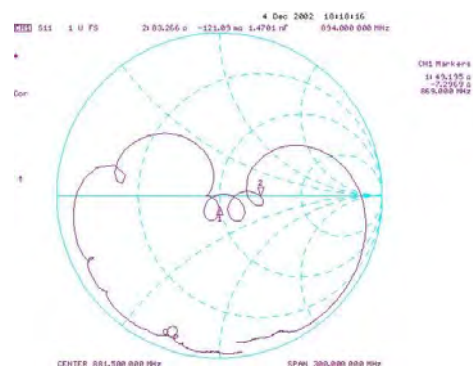
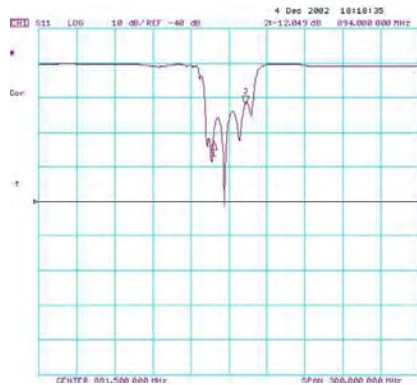


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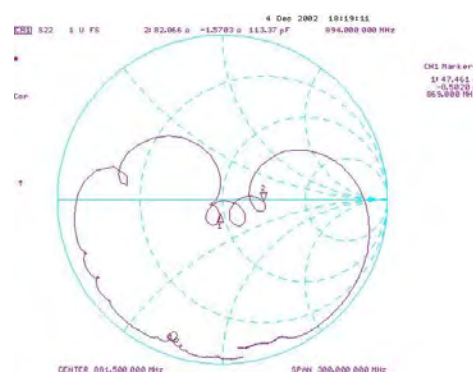
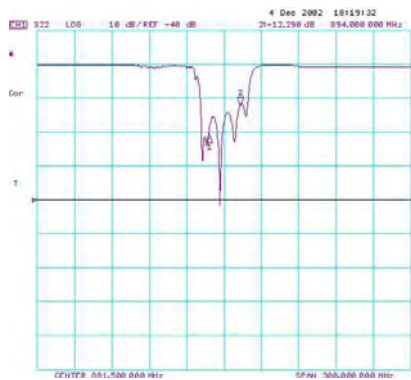
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Reflection functions

S11



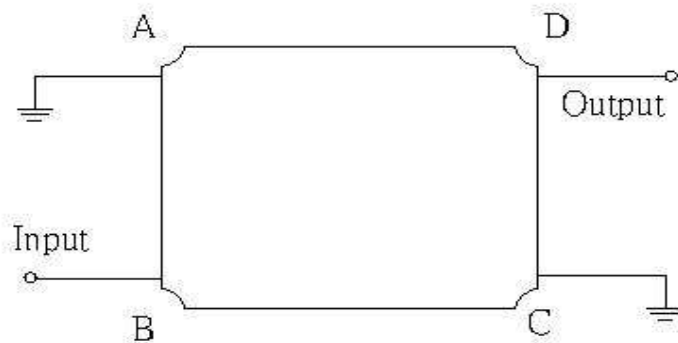
S22



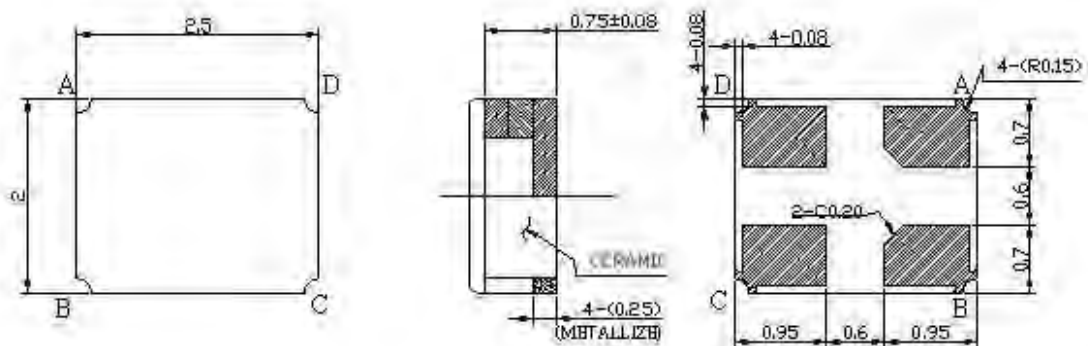
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D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



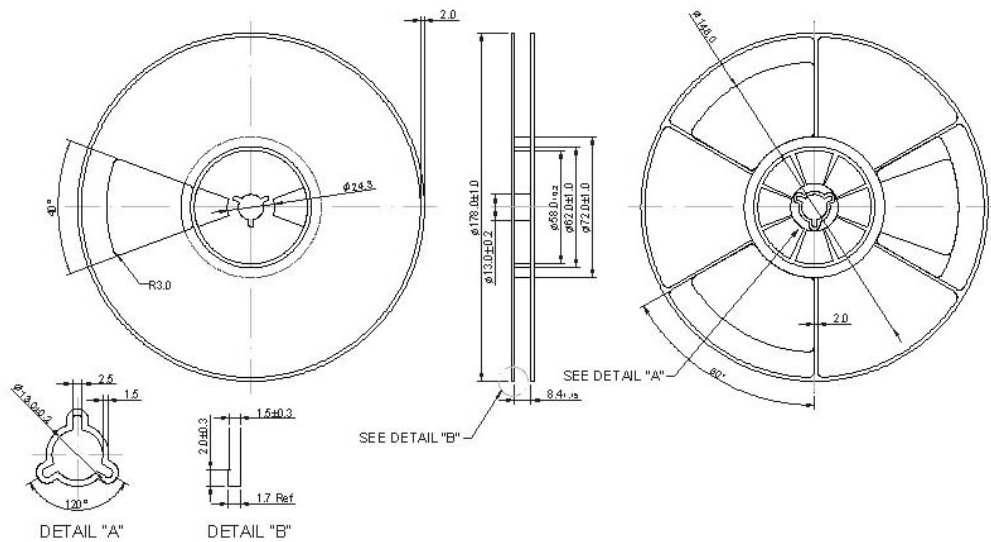
B: Input
 D: Output
 A, C: Ground
 Unit: mm

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F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

