

SAW Filter 1747.5MHz
Part No: MA08961

Model: TA0656A
Rev No: 1

A. MAXIMUM RATING:

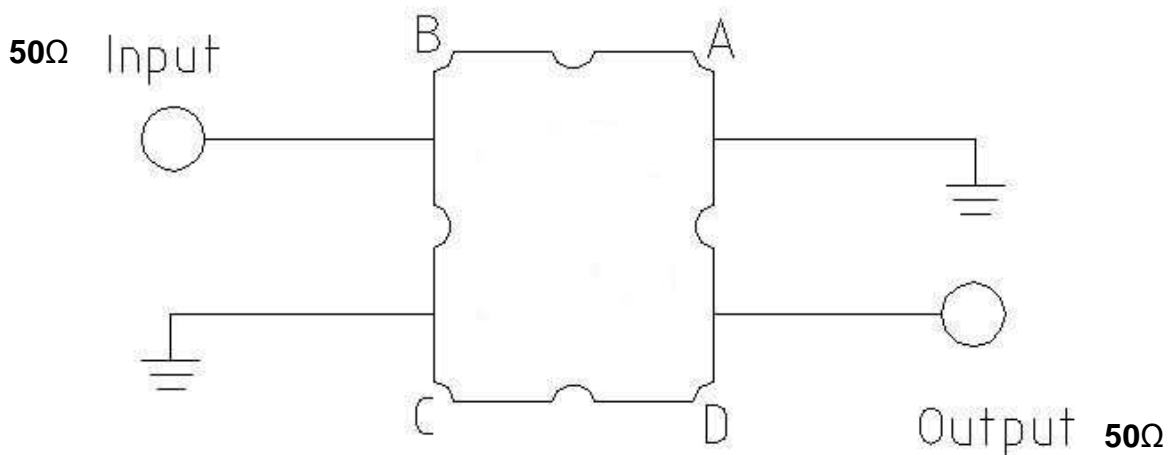
1. Input Power Level: 10dBm
2. DC voltage: 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +95°C

B. ELECTRICAL CHARACTERISTICS:

Item	Min.	Typ.	Max.
Center frequency Fc (dB)	-	1747.5	-
Insertion loss within 1710 ~ 1785MHz IL (dB)	-	3.7	4.4
Amplitude ripple (p-p) within 1710 ~ 1785MHz (dB)	-	1.8	2.5
Attenuation (Reference level from 0dB)			
DC ~ 1670MHz (dB)	20	23	-
1805 ~ 1880MHz (dB)	10	35	-
1880 ~ 3500MHz (dB)	23	26	-
VSWR within 1710 ~ 1785MHz	-	2	2.4
Source impedance Z _S (Ω)	-	50	-
Load impedance Z _L (Ω)	-	50	-

Note1. No matching network required for operation at 50Ω

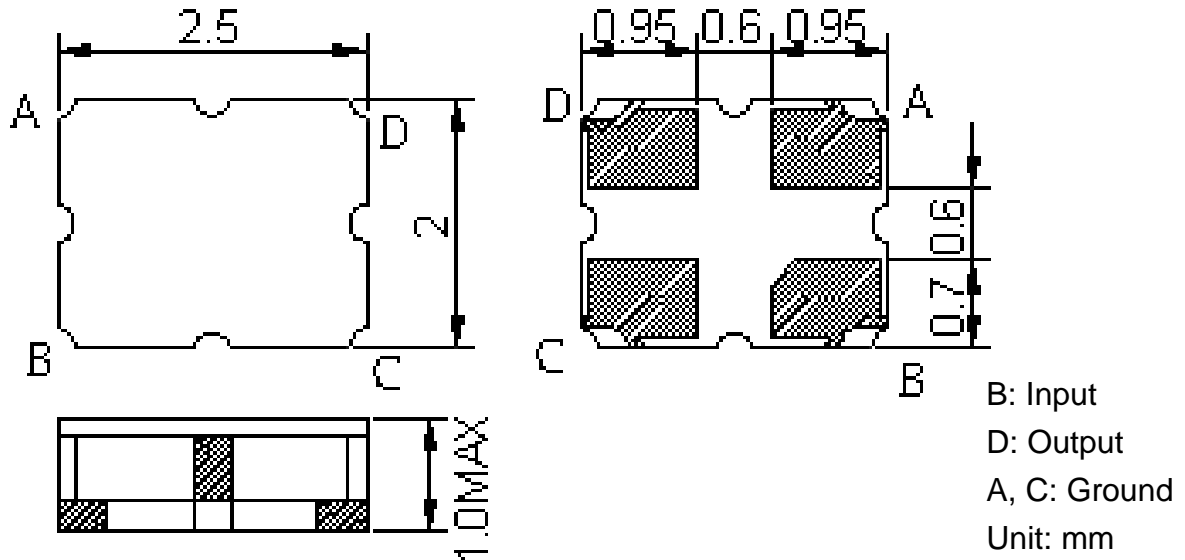
C. MEASUREMENT CIRCUIT:



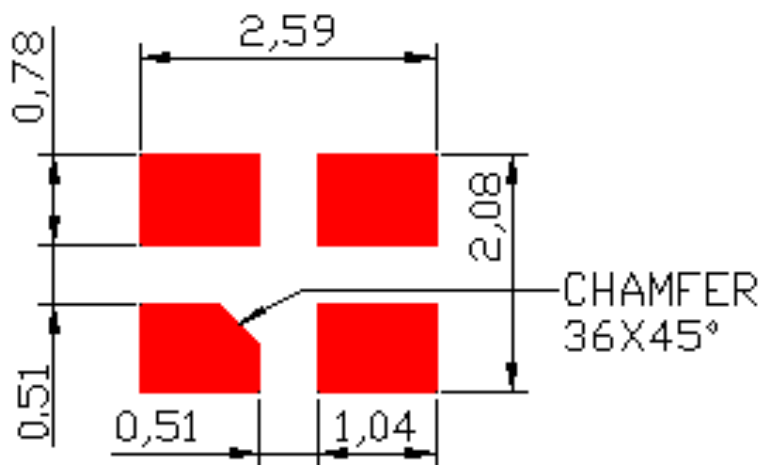
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D. OUTLINE DRAWING:



E. PCB FOOTPRINT:

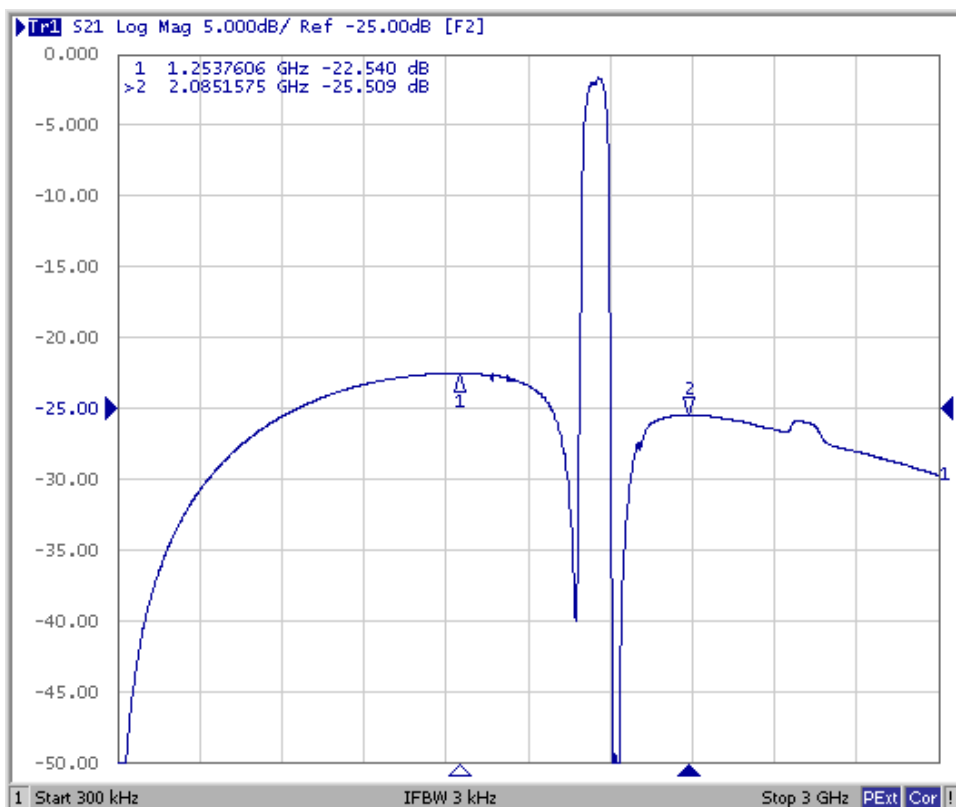
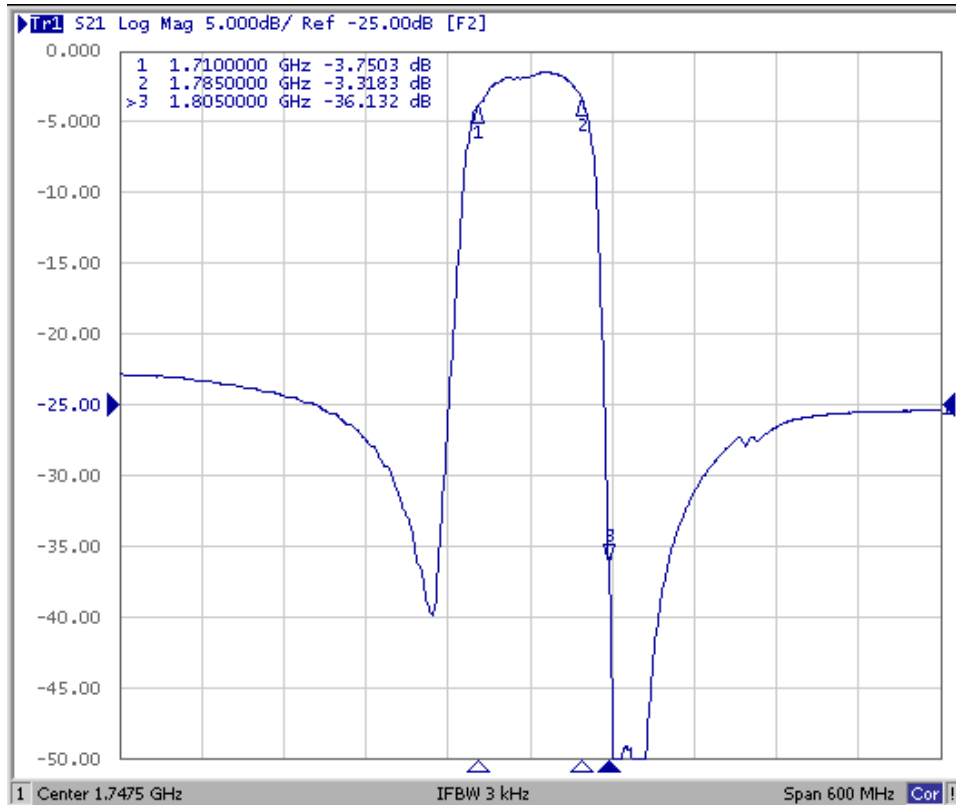


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F. FREQUENCY CHARACTERISTICS:

Transfer function

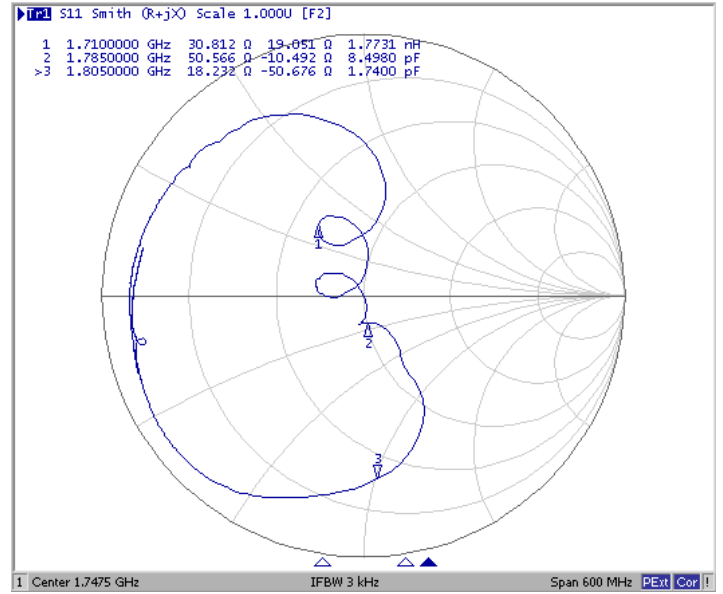


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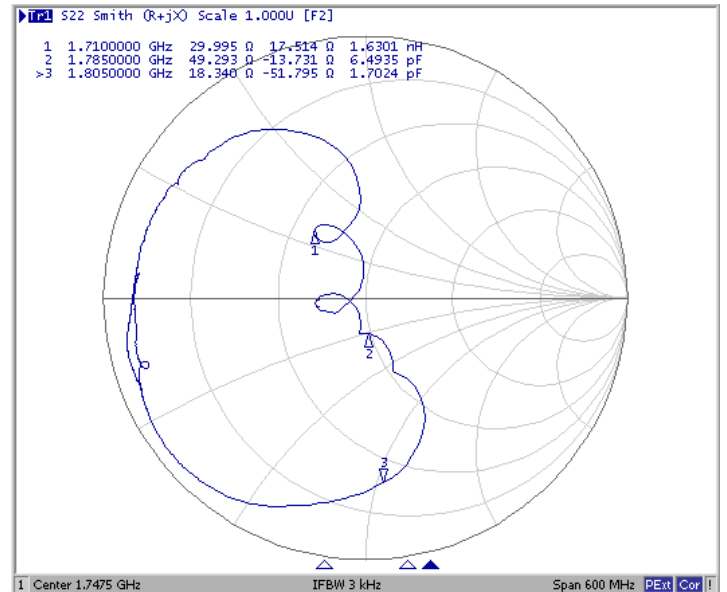
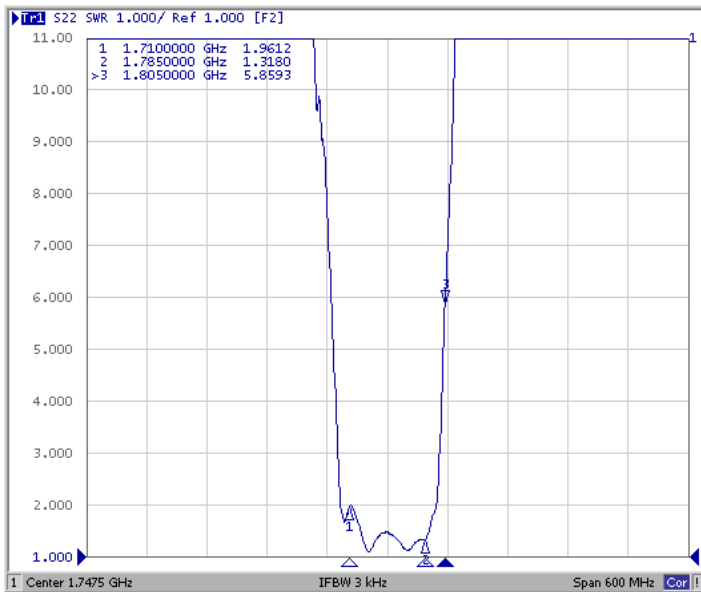
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Reflections Functions

S11 VSWR



S22 VSWR

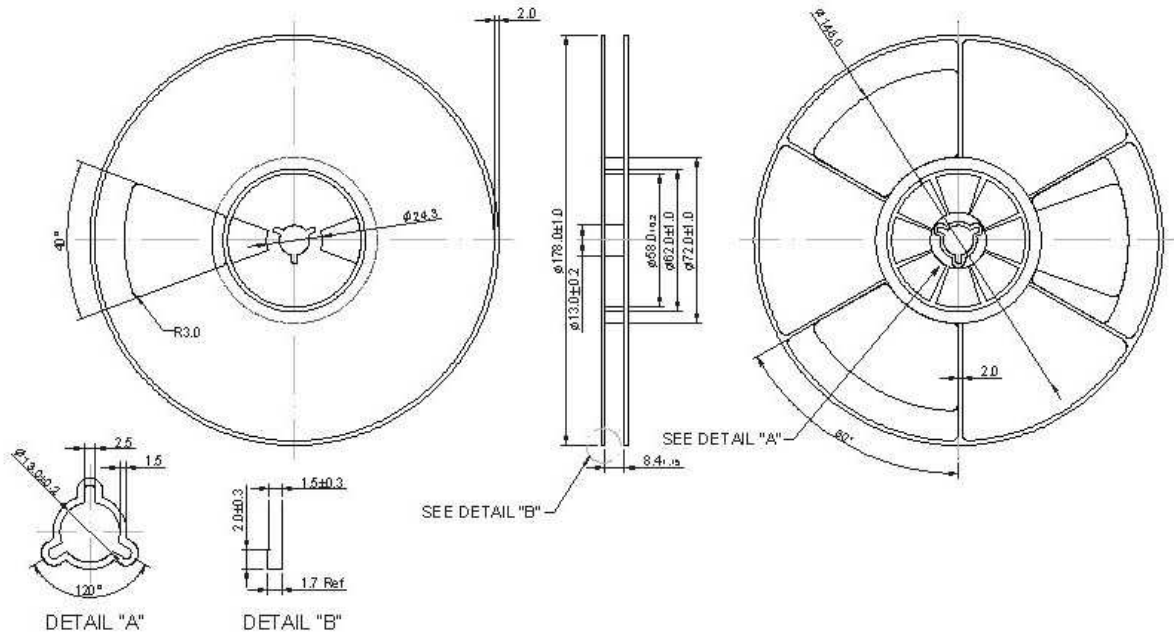


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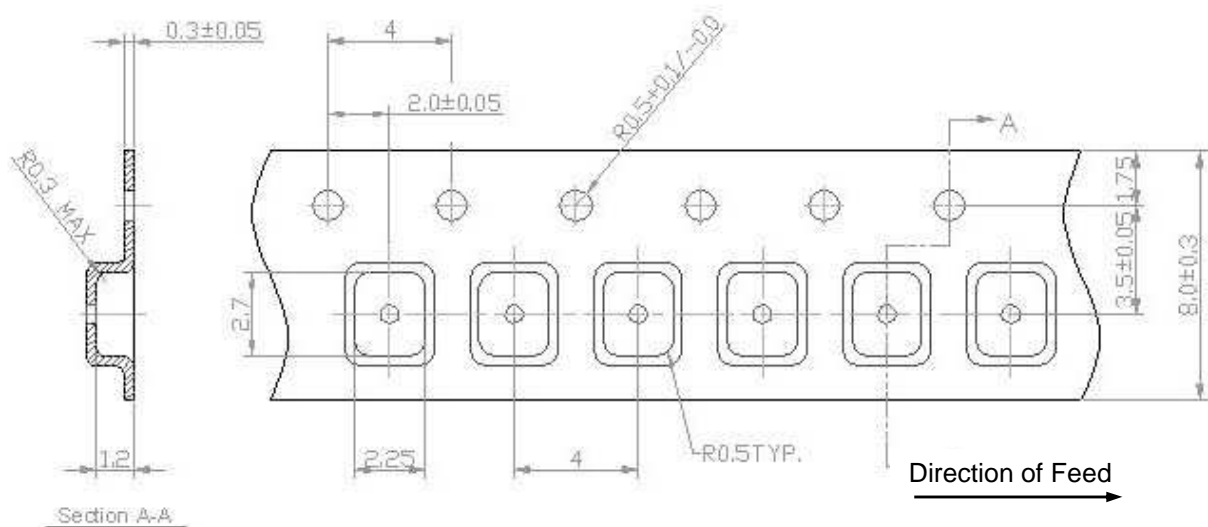
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE:

