

SAW Filter 2332.5MHz
Part No: MA05753

Model: TA0273A
Rev No: 2

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC voltage: 0V
3. Operating Temperature: -30°C to +80°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Min.	Typ.	Max.
Center frequency Fc (dB)	-	2332.5	-
Insertion loss (2320 ~ 2345MHz) IL (dB)	-	2.1	4.0
Amplitude ripple (2320 ~ 2345MHz) (dB)	-	0.7	2.0
Group delay ripple (2320 ~ 2345MHz) (ns)	-	5	50
Attenuation (Reference level from 0dB)			
DC ~ 2175MHz (dB)	40	42	-
2227MHz (dB)	27	43	-
2400MHz (dB)	12	45	-
2426MHz (dB)	17	54	-
2500MHz (dB)	27	50	-
2526MHz (dB)	32	50	-
2700 ~ 3500MHz (dB)	30	35	-
VSWR (2320 ~ 2345MHz)	-	1.2	2.5
Source impedance Z _S (Ω)	-	50	-
Load impedance Z _L (Ω)	-	50	-

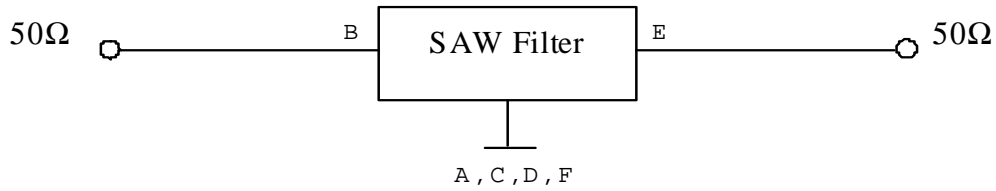
Note: The standard definitions is in JIS C 6703

SAW Filter 2332.5MHz
Part No: MA05753

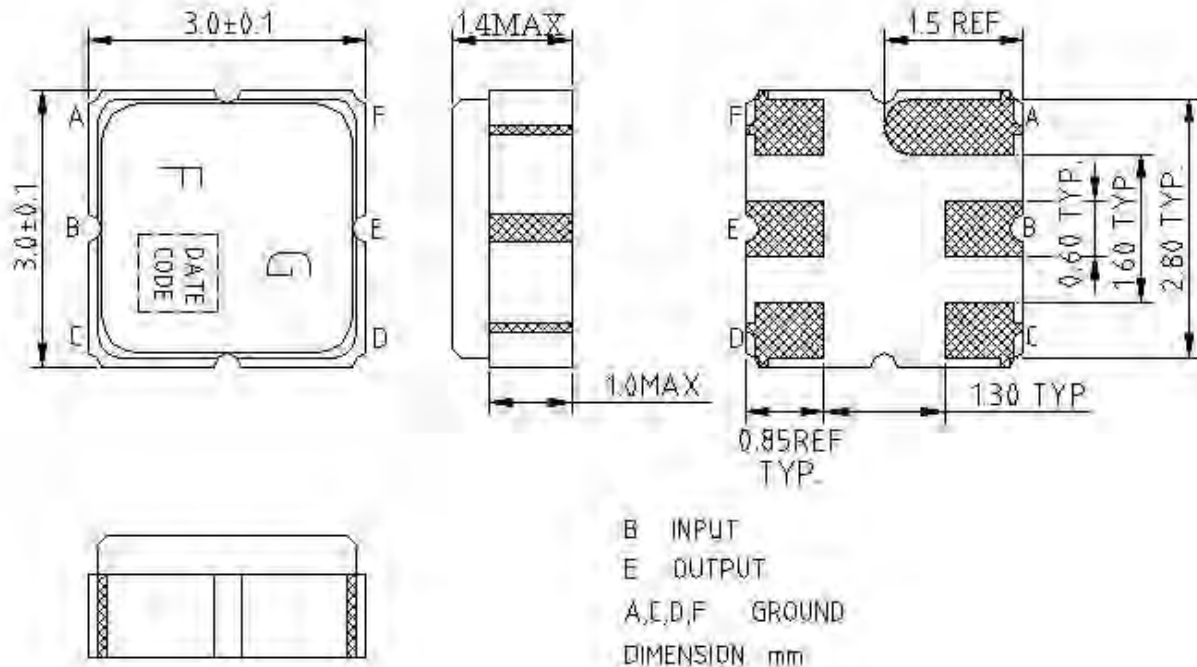
Model: TA0273A
Rev No: 2

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D. OUTLINE DRAWING:

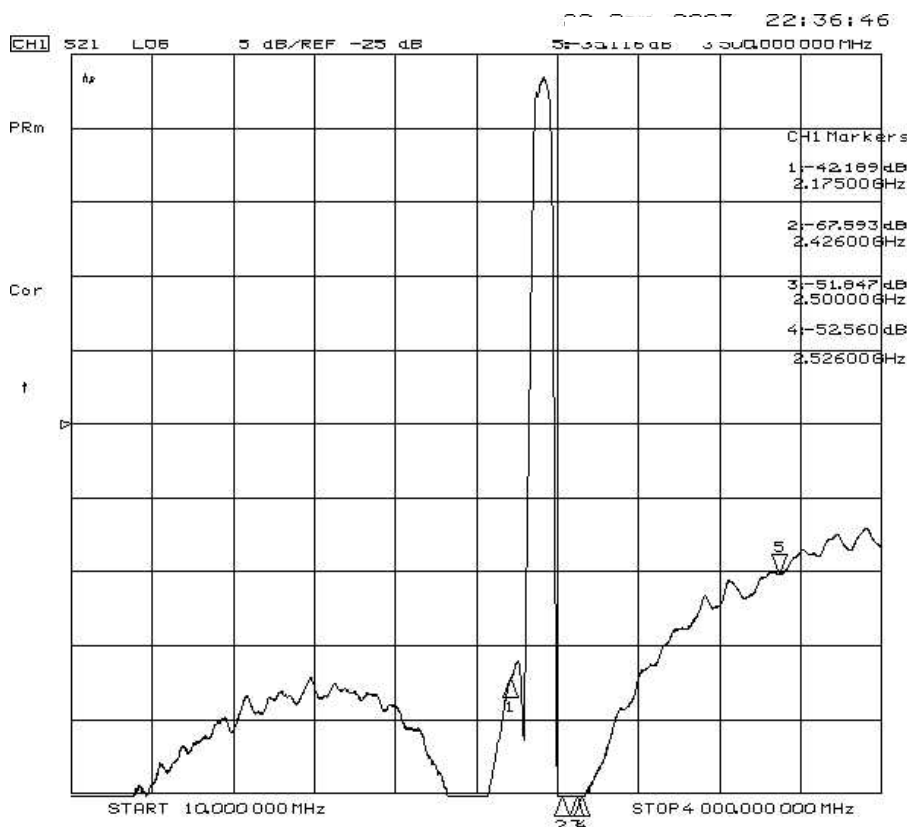
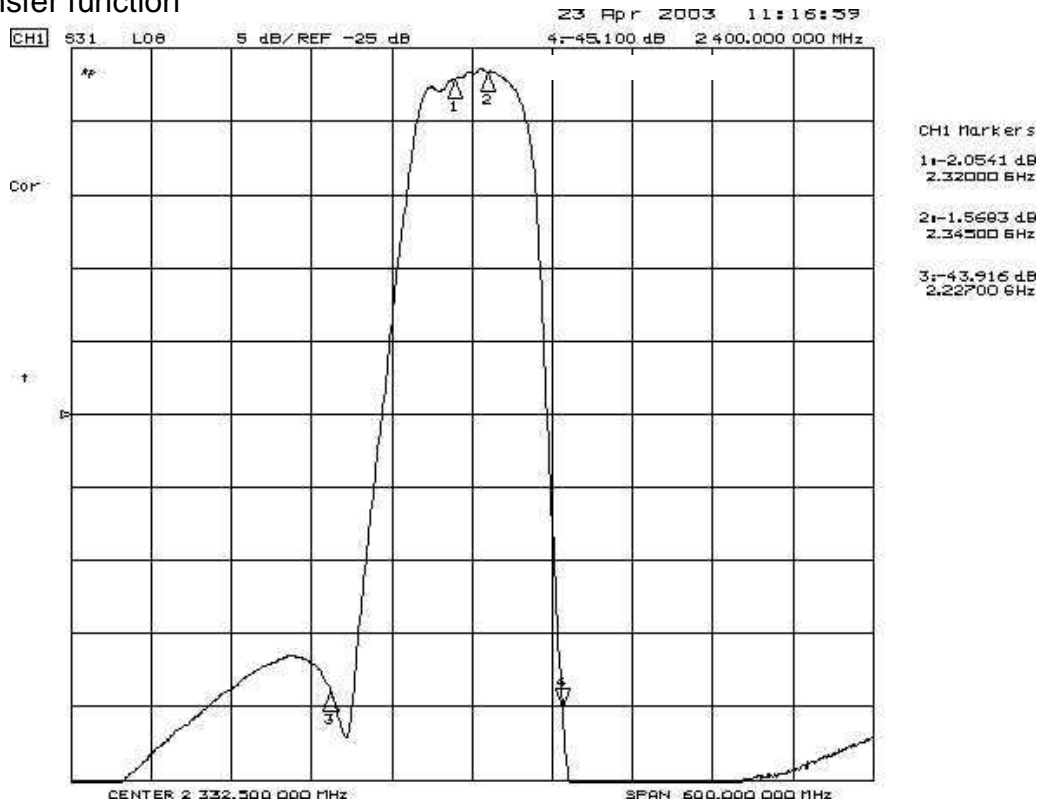


SAW Filter 2332.5MHz
Part No: MA05753

Model: TA0273A
Rev No: 2

E. FREQUENCY CHARACTERISTICS:

Transfer function

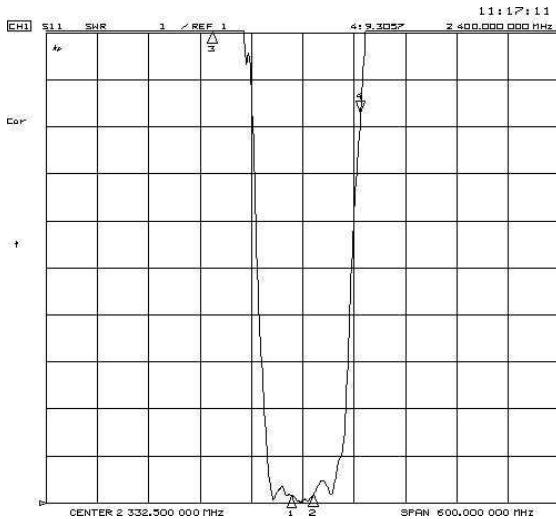


SAW Filter 2332.5MHz
Part No: MA05753

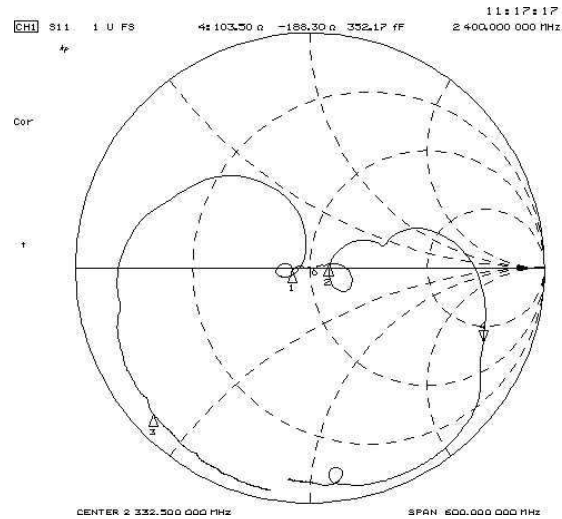
Model: TA0273A
Rev No: 2

Reflections Functions

S11 VSWR

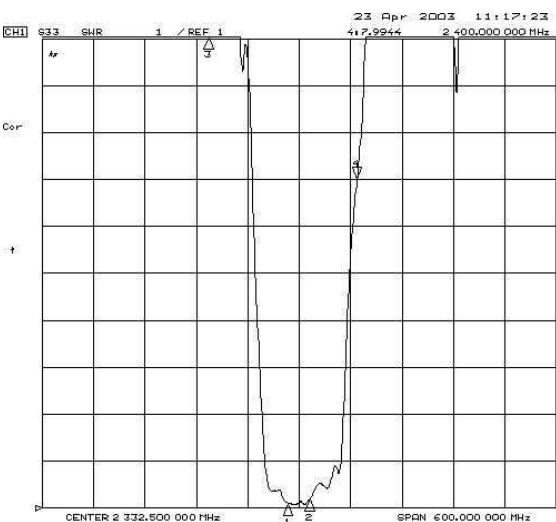


CHI Markers
 1: 1.1613
 2: 1.1790
 3: 2.1883
 2.32000 GHz
 2.34500 GHz
 2.22700 GHz

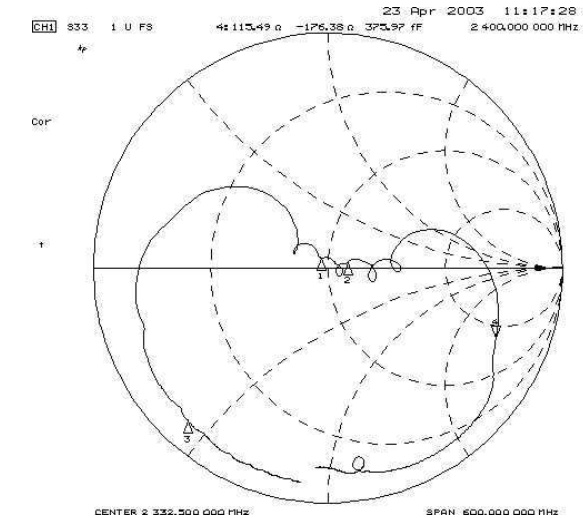


CHI Markers
 1: 43.099 0
 2: 59.207 0
 3: 2.6377 0
 -785.16 n0
 2.32000 GHz
 2.34500 GHz
 -19.641 0
 2.22700 GHz

S22 VSWR



CHI Markers
 1: 1.1073
 2: 1.1955
 3: 15.999
 2.32000 GHz
 2.34500 GHz
 2.22700 GHz

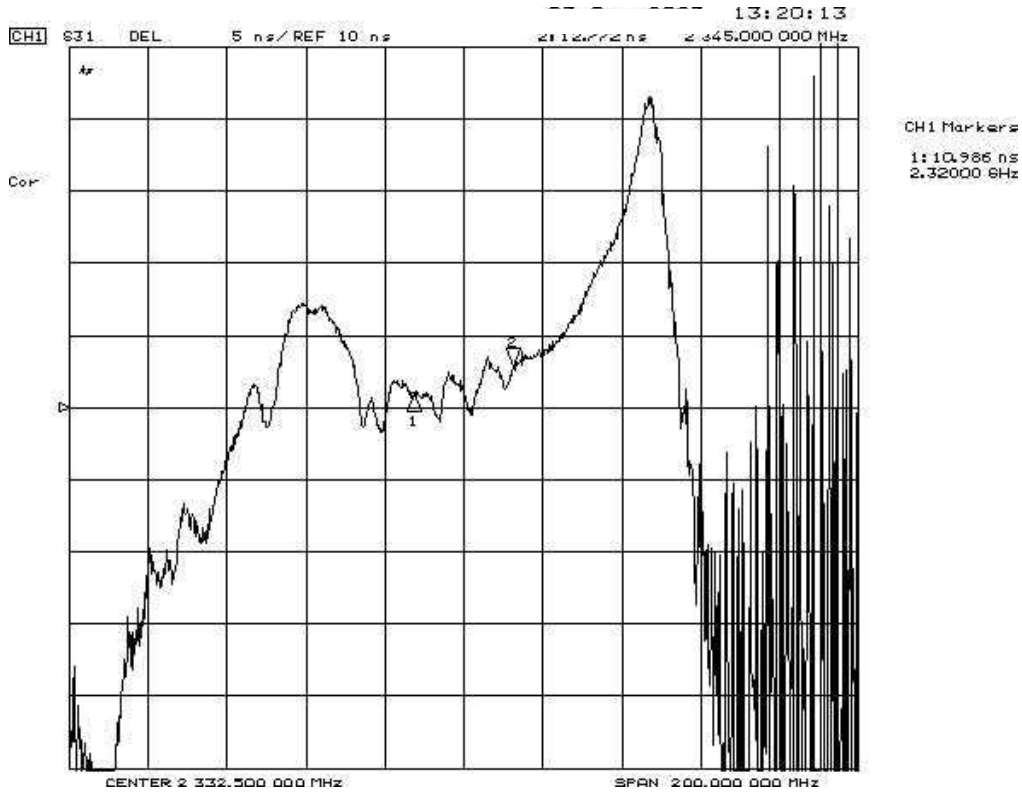


CHI Markers
 1: 47.096 0
 2: 59.201 0
 3: 3.7324 0
 2.32000 GHz
 2.34500 GHz
 -21.324 0
 2.22700 GHz

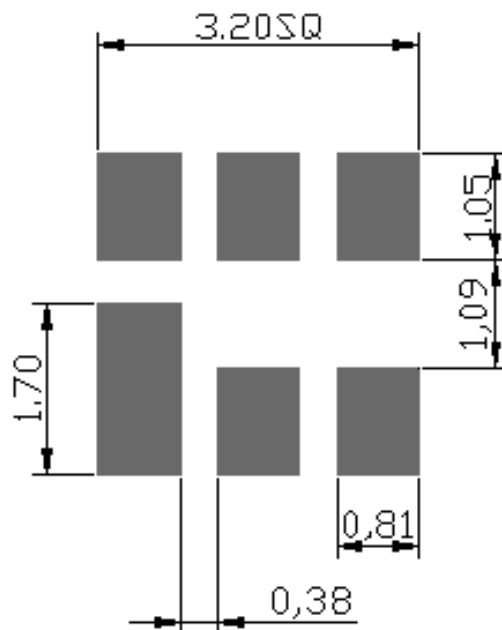
SAW Filter 2332.5MHz
Part No: MA05753

Model: TA0273A
Rev No: 2

Group Delay



F. PCB FOOTPRINT:

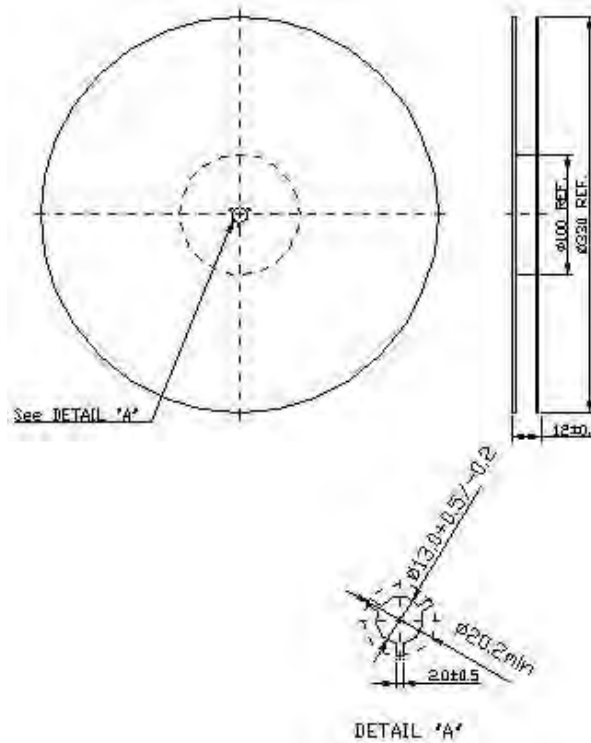


SAW Filter 2332.5MHz
Part No: MA05753

Model: TA0273A
Rev No: 2

G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

