

SAW Filter 455.0MHz
Part No: MP05903

Model: TB0267A
Rev No: 2

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

1. Input Power Level: 30dBm
2. DC Voltage: 0V
3. Operating Temperature: -30°C to +80°C
4. Storage Temperature: -40°C to +85°C
5. Moisture Sensitivity Level: Level 1 (MSL1)

B. ELECTRICAL CHARACTERISTICS:

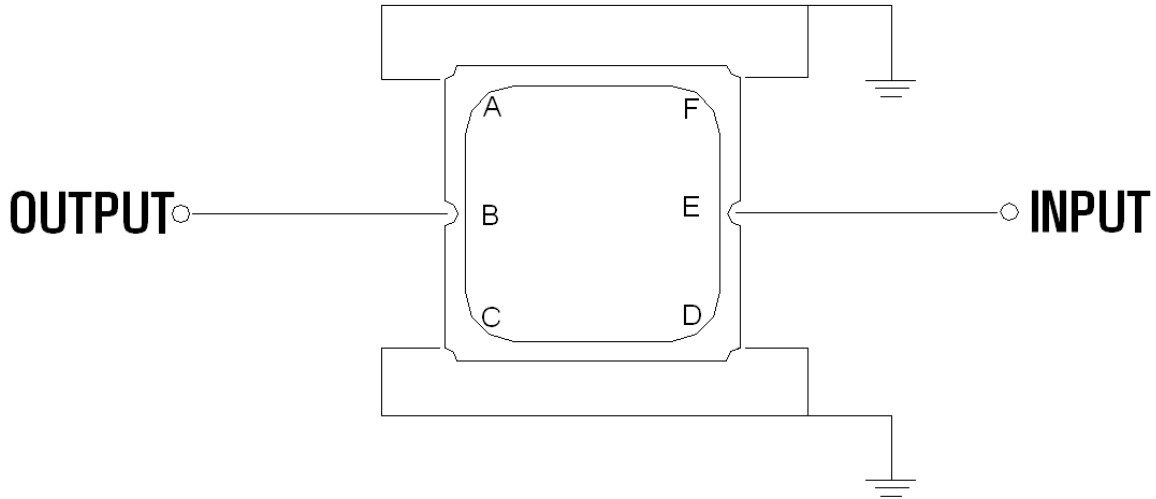
Parameters Description	Unit	Min.	Typ.	Max.
Center Frequency Fc	MHz	-	455	-
Insertion Loss (452.5 ~ 457.5MHz) IL	dB	-	2.2	3.2
VSWR (452.5 ~ 457.5MHz)	-	-	1.5	2.1
Attenuation (Reference level from 0dB)				
D.C. ~ 443MHz	dB	24	26	-
462.5 ~ 467.5MHz	dB	29	47	-
467.5 ~ 1500MHz	dB	24	28	-
1500 ~ 2000MHz	dB	14	22	-

Note: No Matching Network.

SAW Filter 455.0MHz
Part No: MP05903

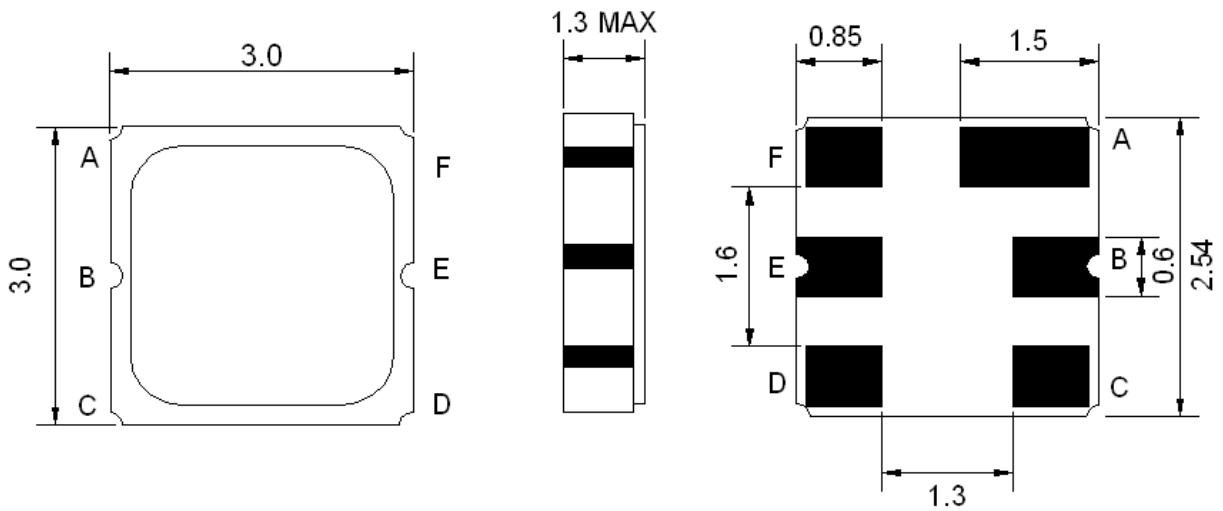
Model: TB0267A
Rev No: 2

C. MEASUREMENT CIRCUIT:



Source & Load Impedance: 50Ω

D. OUTLINE DRAWING:

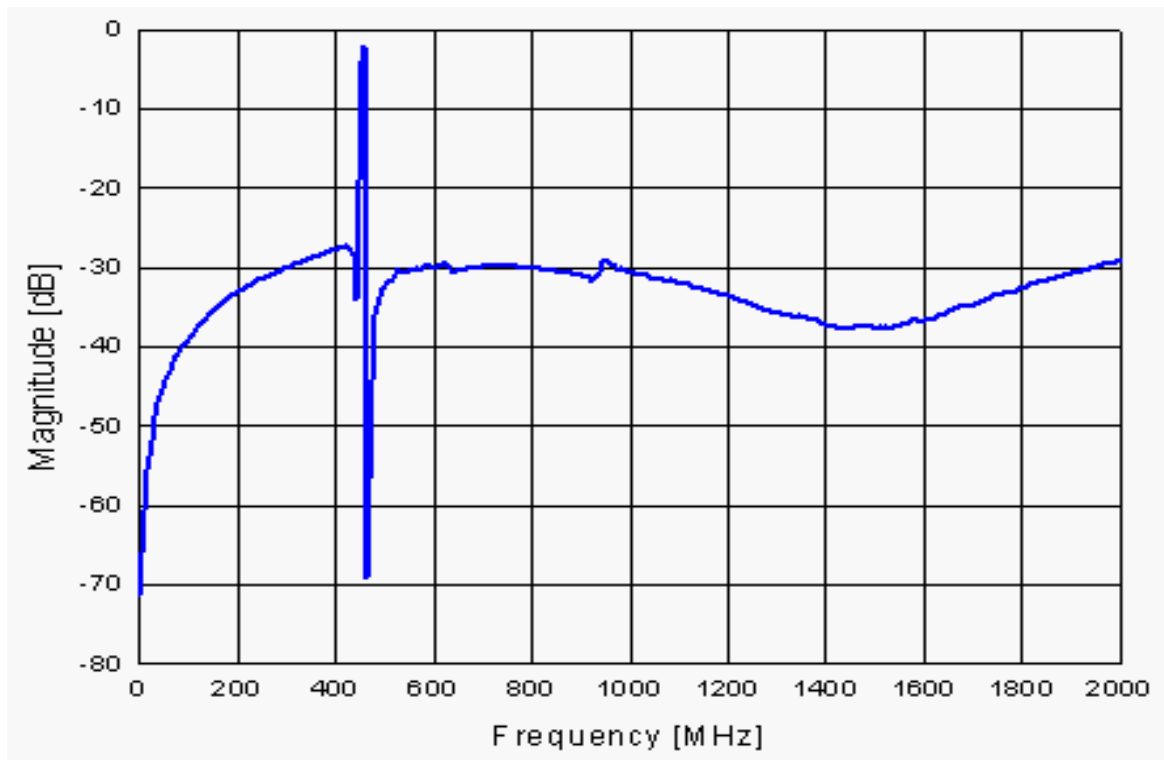
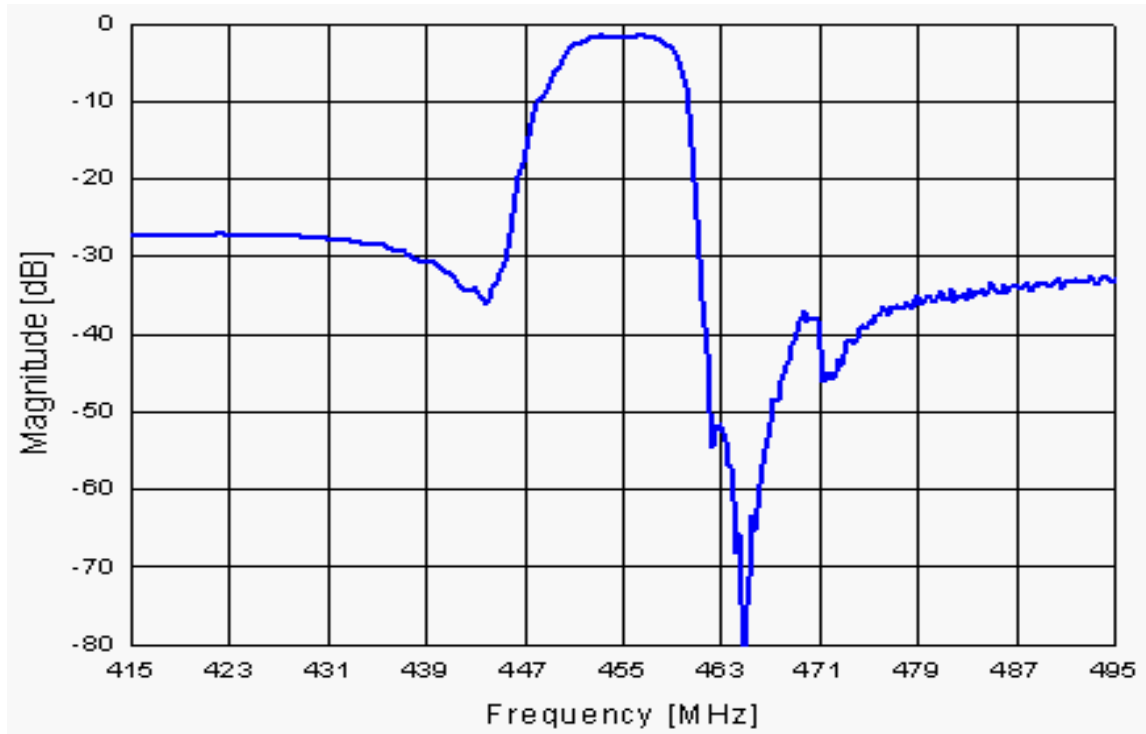


B: Input
E: Output
A, C, D, F: Ground

SAW Filter 455.0MHz
Part No: MP05903

Model: TB0267A
Rev No: 2

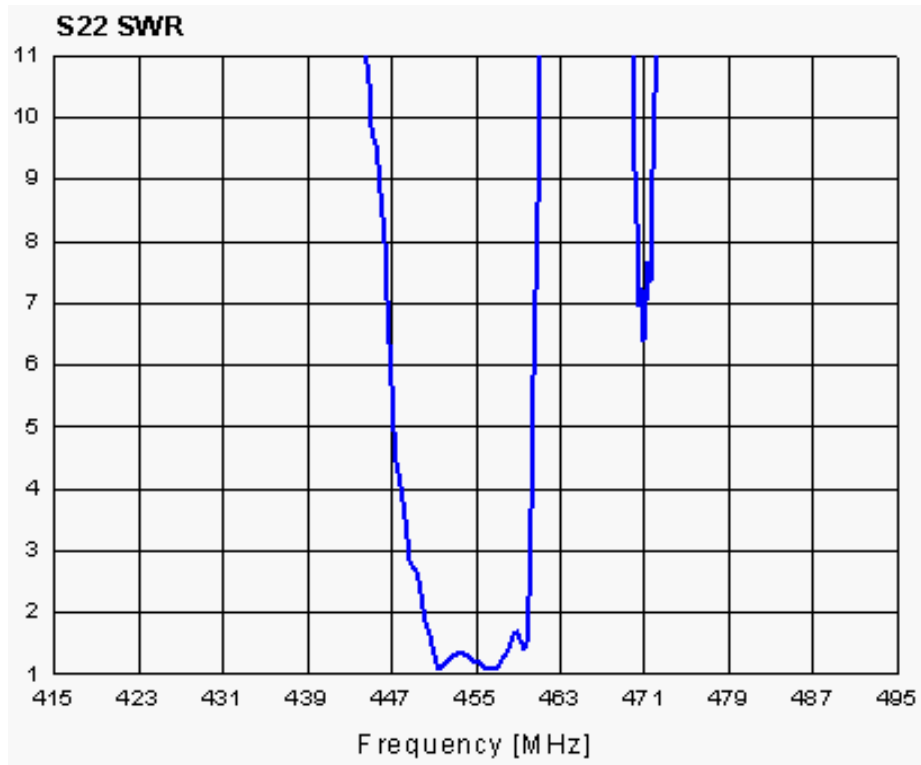
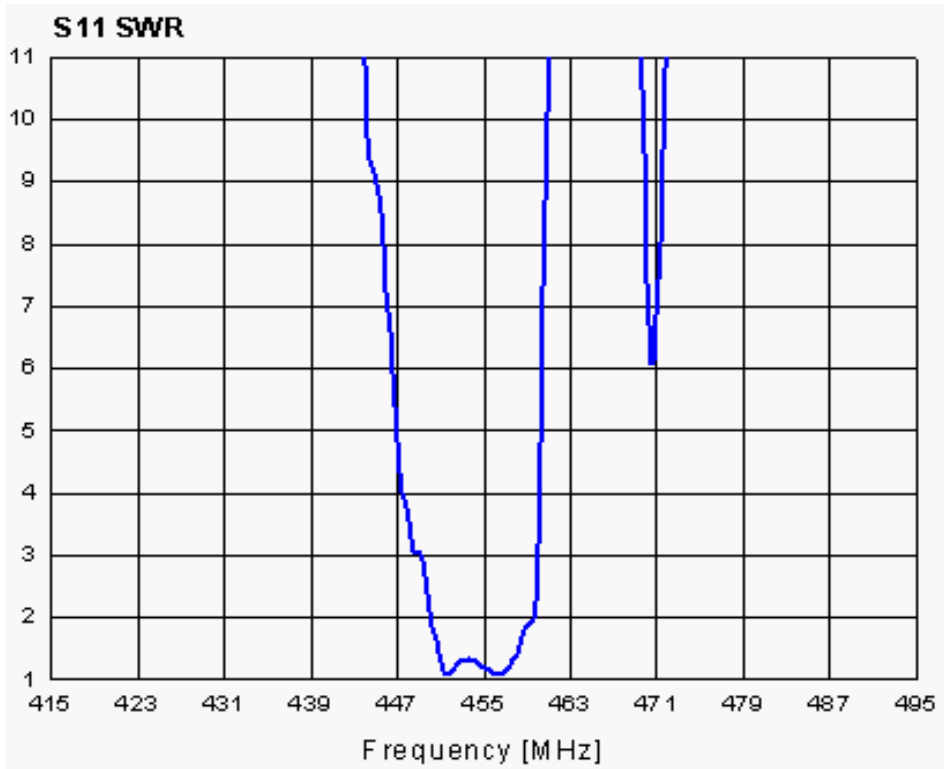
E. FREQUENCY CHARACTERISTICS:



SAW Filter 455.0MHz
Part No: MP05903

Model: TB0267A
Rev No: 2

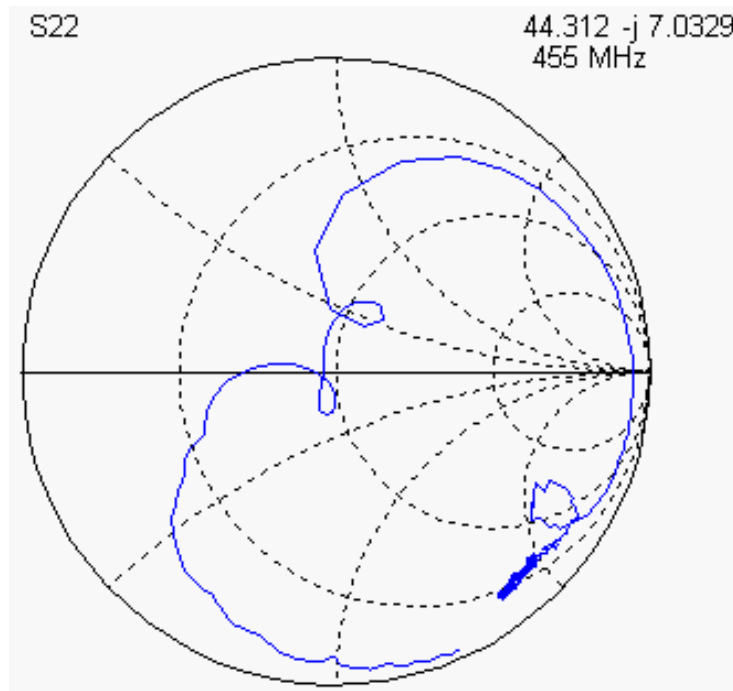
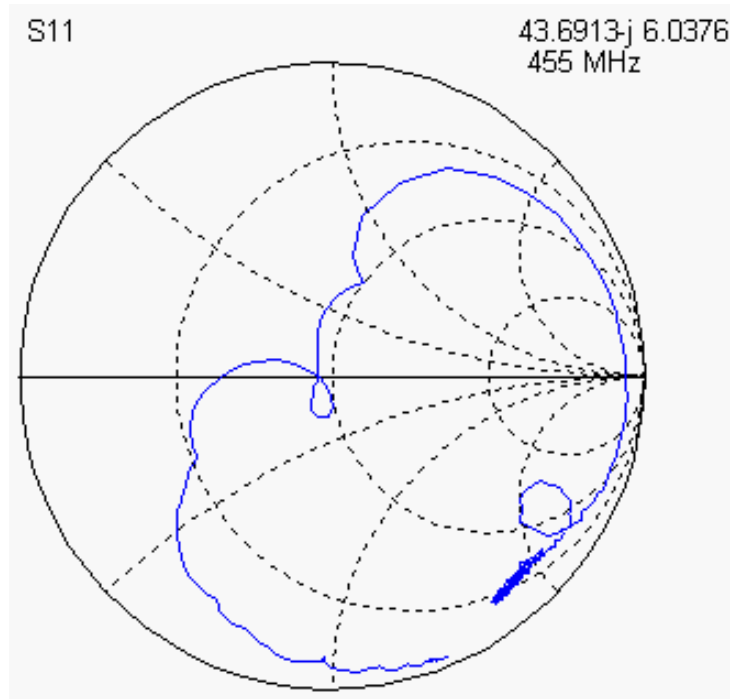
1. VSWR



SAW Filter 455.0MHz
Part No: MP05903

Model: TB0267A
Rev No: 2

2. Smith Chart

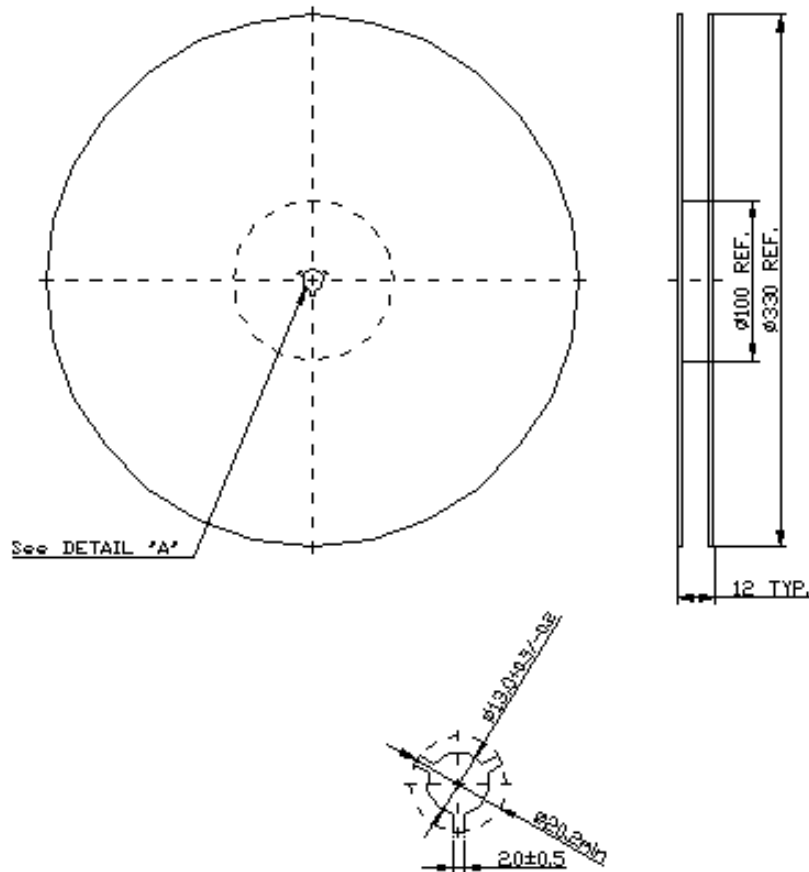


SAW Filter 455.0MHz
Part No: MP05903

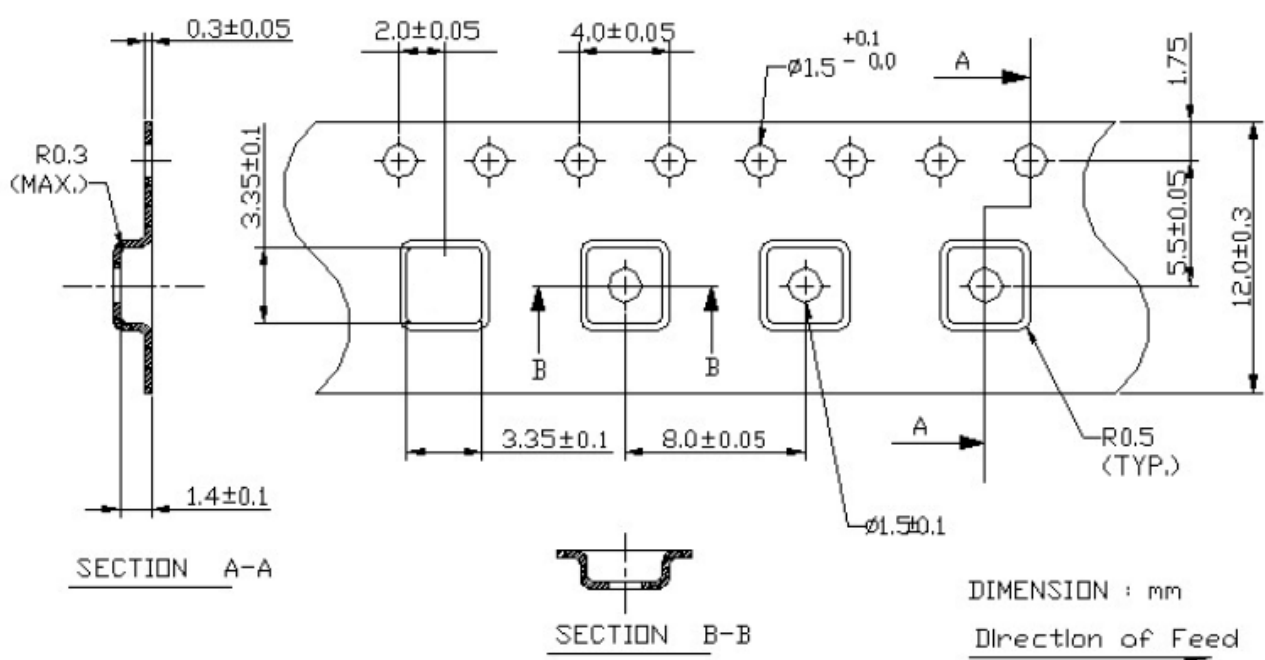
Model: TB0267A
Rev No: 2

F. PACKING:

1. Reel Dimension



2. Tape Dimension



SAW Filter 455.0MHz
Part No: MP05903

Model: TB0267A
Rev No: 2

G. RECOMMENDED REFLOW PROFILE:

1. Preheating shall be fixed at 150 ~ 180°C for 60 ~ 90 seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 220°C for 50 ~ 80 seconds and at 260°C +0/-5°C peak (20 ~ 40 sec).
4. Time: 2 times.

