

SAW Filter 338.50MHz

Model: TA1671A

Part No: MP07233

Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device

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

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center Frequency Fc	MHz		338.5	
Insertion Loss 338.2 ~ 338.8MHz IL	dB	-	1.5	2.5
Amplitude ripple 338.2 ~ 338.8MHz	dB	-	0.1	1.5
VSWR (338.2 ~ 338.8MHz)		-	1.2	2.5
Attenuation (Reference level from 0dB)				
293.500 ~ 309.500MHz	dB	53	64	-
316.500 ~ 317.400MHz	dB	50	64	-
327.500 ~ 328.100MHz	dB	46	62	-
348.900 ~ 349.500MHz	dB	22	27	-
359.600 ~ 360.500MHz	dB	36	38	-
381.000 ~ 382.200MHz	dB	50	57	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-

SAW Filter 338.50MHz
Part No: MP07233

Model: TA1671A
Rev No: 1

C. FREQUENCY CHARACTERISTICS:

1. Pass band Response:

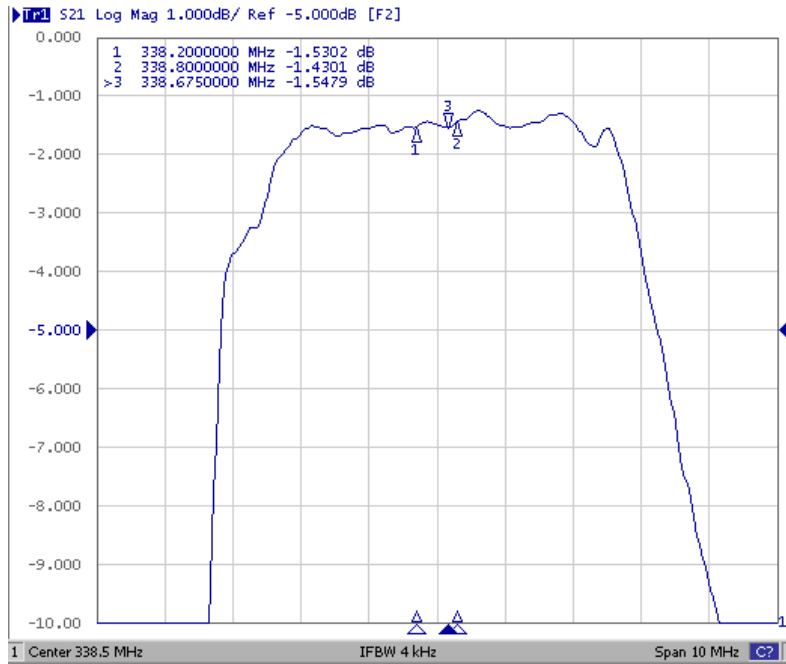


Fig. 1. Horizontal: 1MHz / Div, Vertical: 1dB / Div

2. Wide band Response:

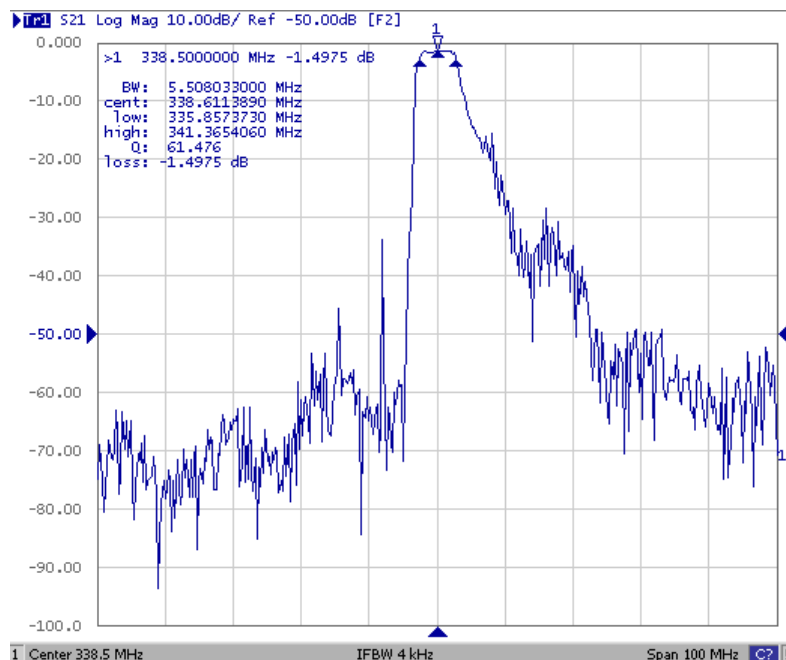


Fig. 2. Horizontal: 10MHz / Div, Vertical: 10dB / Div

SAW Filter 338.50MHz
Part No: MP07233

Model: TA1671A
Rev No: 1

3. VSWR:

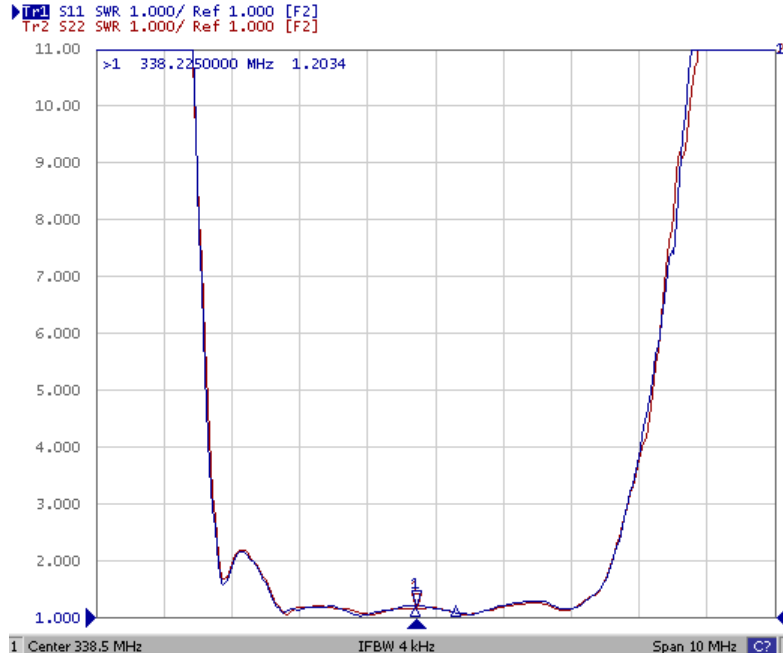


Fig. 3. Horizontal: 1MHz / Div, Vertical: 1 / Div

SAW Filter 338.50MHz

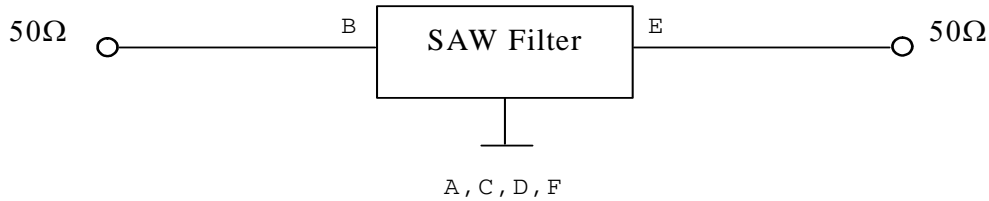
Model: TA1671A

Part No: MP07233

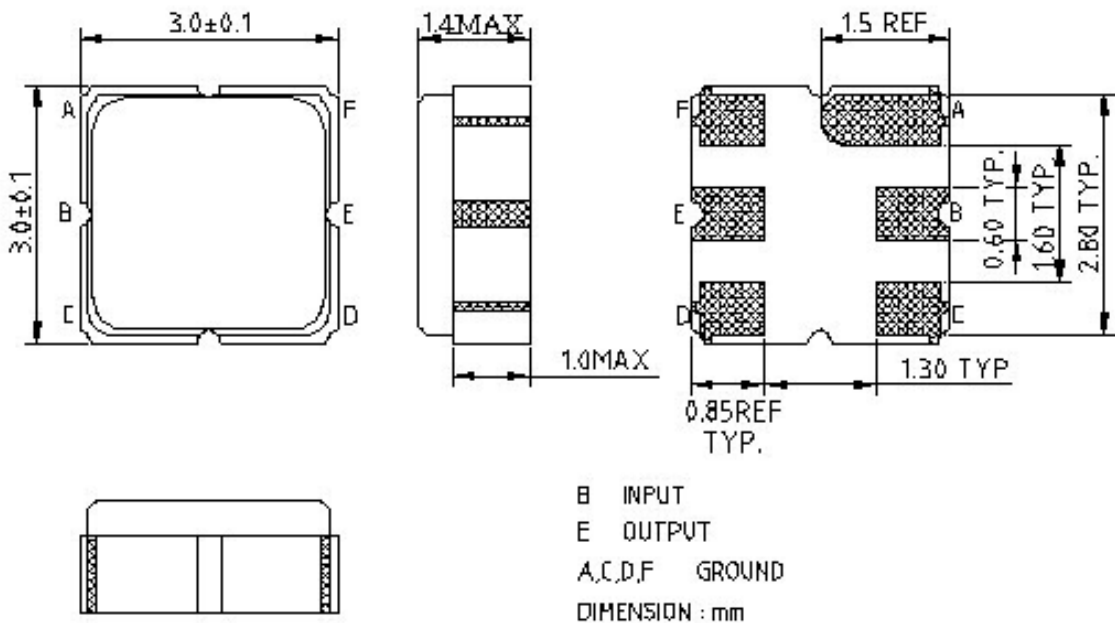
Rev No: 1

D. MEASUREMENT CIRCUIT:

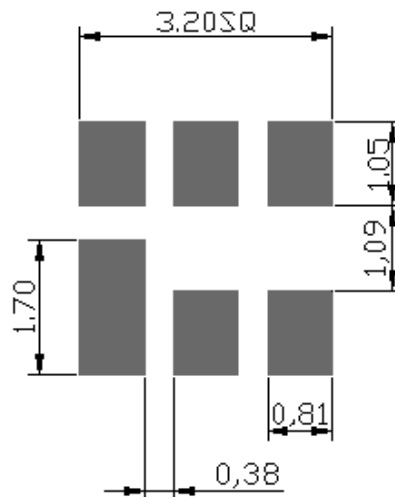
HP Network analyzer



E. OUTLINE DRAWING:



F. PCB FOOTPRINT:

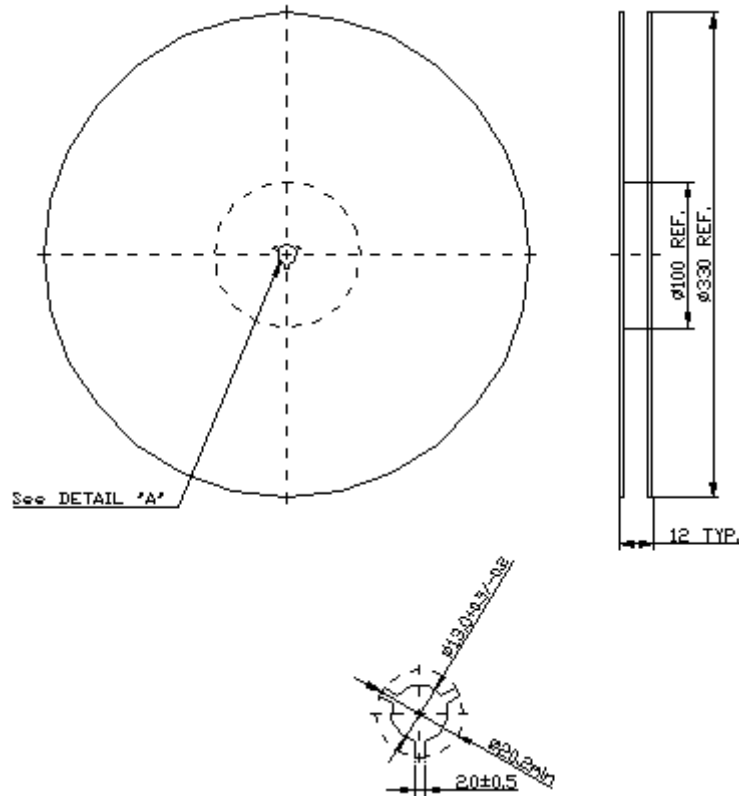


SAW Filter 338.50MHz
Part No: MP07233

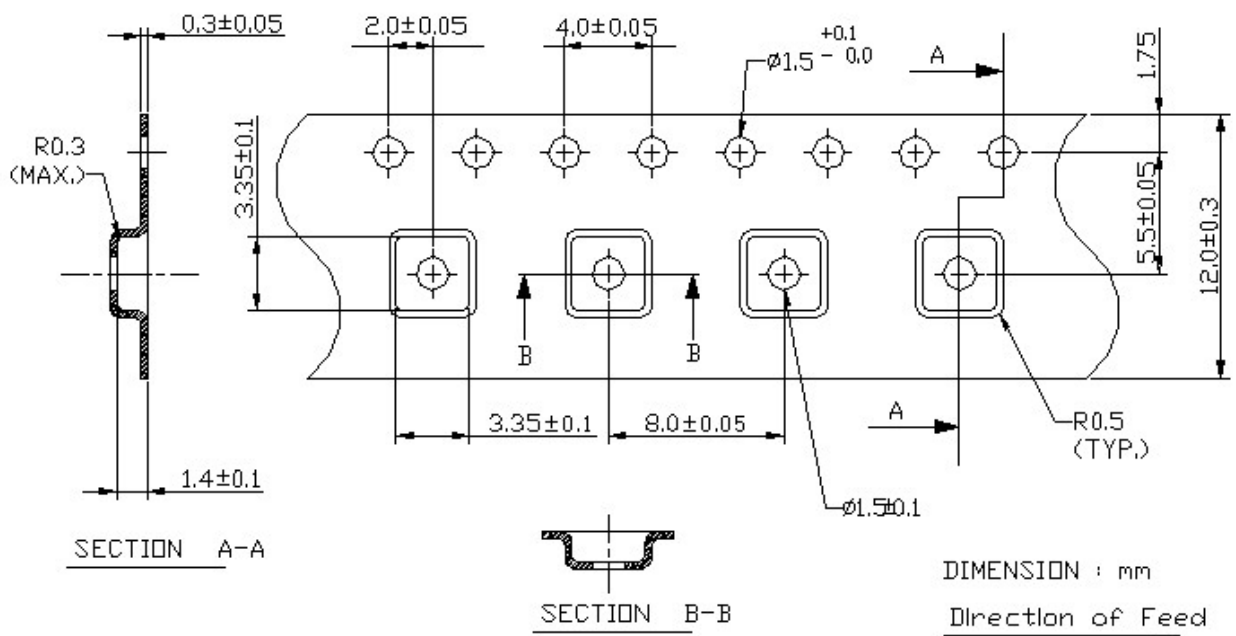
Model: TA1671A
Rev No: 1

G. PACKING:

1. Reel Dimension (Please refer to FR-75D10 for packing quantity)



2. Tape Dimension



SAW Filter 338.50MHz
Part No: MP07233

Model: TA1671A
Rev No: 1

H. RECOMMENDED REFLOW PROFILE:

