

SAW Filter 787.50MHz

Model: TA0877A

Part No: MP02103

Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 5dBm
2. DC voltage: 5V
3. Operating Temperature: -20°C to 70°C
4. Storage Temperature: -40°C to +85°C

B. CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc MHz	MHz	-	787.5	-
Insertion loss 775 ~ 800MHz IL	dB	-	2.9	4.0
Amplitude ripple 775 ~ 800MHz	dB	-	1.0	2.0
Attenuation (Reference level from 0dB)				
600 ~ 700MHz	dB	40	47	-
700 ~ 750MHz	dB	30	41	-
860 ~ 900MHz	dB	30	43	-
900 ~ 1000MHz	dB	38	46	-
Source impedance Z _S	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-

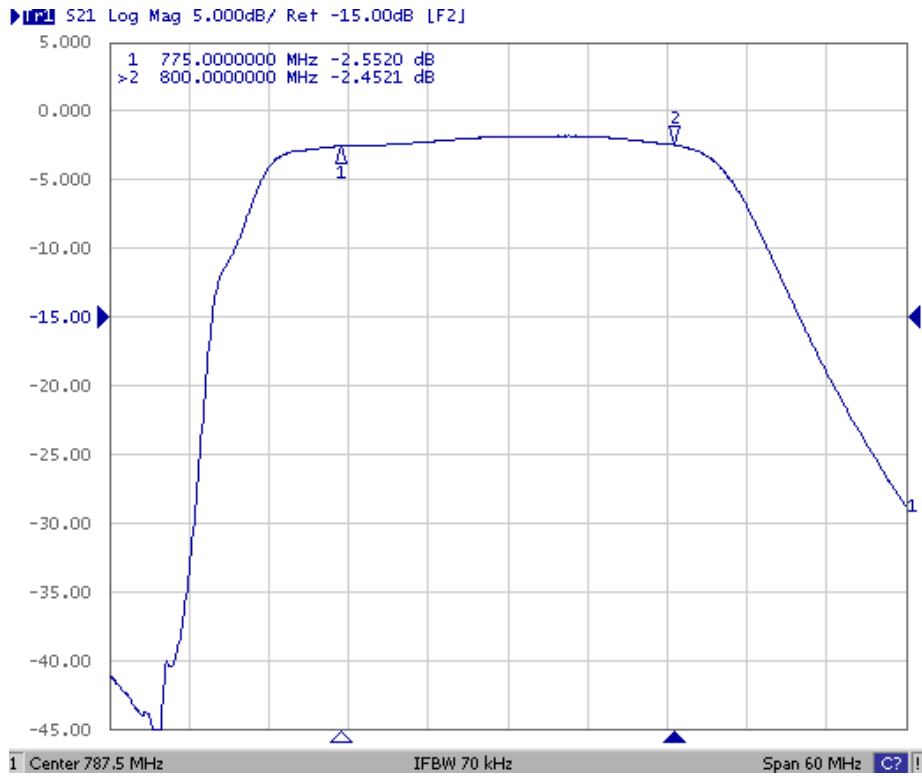
Note: No matching network required for operation at 50Ω

SAW Filter 787.50MHz
Part No: MP02103

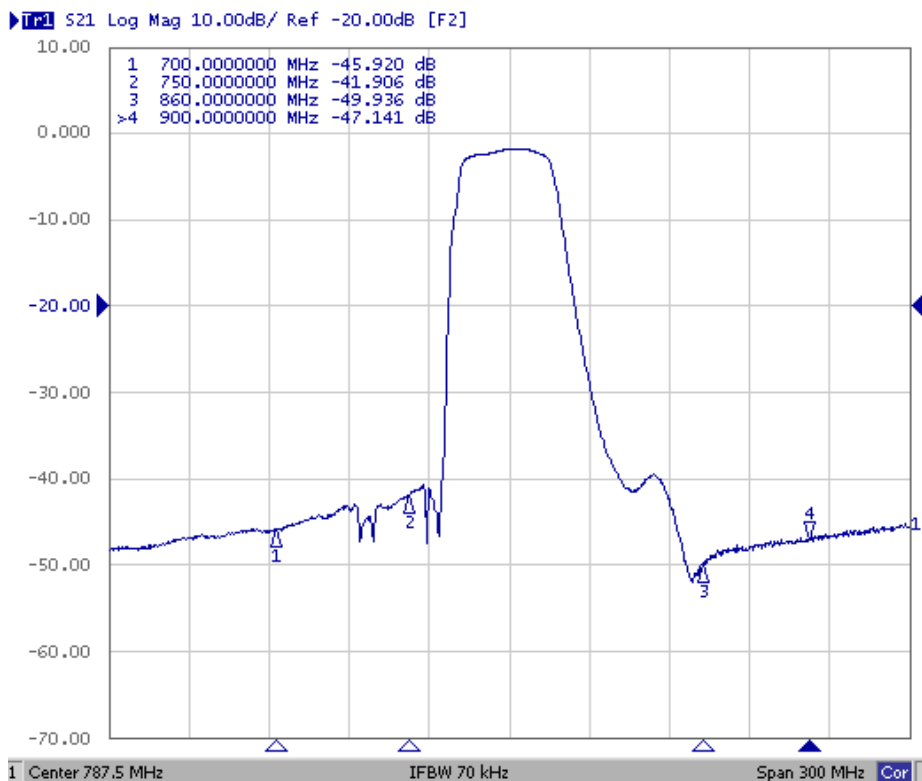
Model: TA0877A
Rev No: 1

C. FREQUENCY CHARACTERISTICS:

1. Transfer function



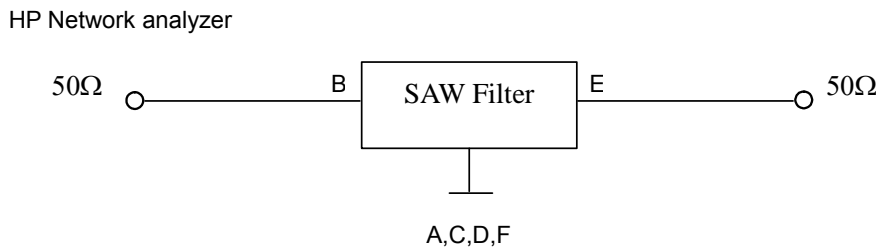
2. Wideband



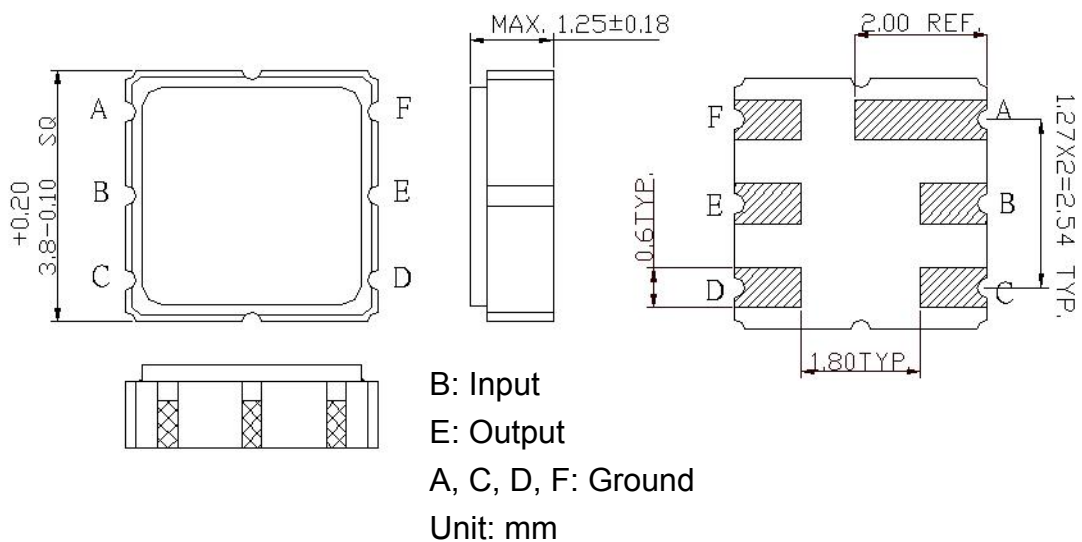
SAW Filter 787.50MHz
Part No: MP02103

Model: TA0877A
Rev No: 1

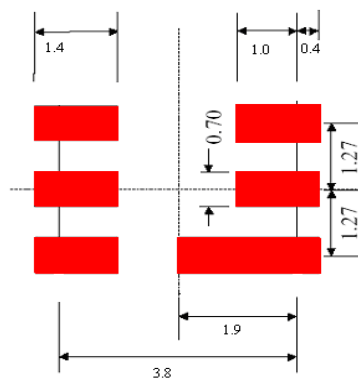
D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



F. PCB FOOTPRINT:

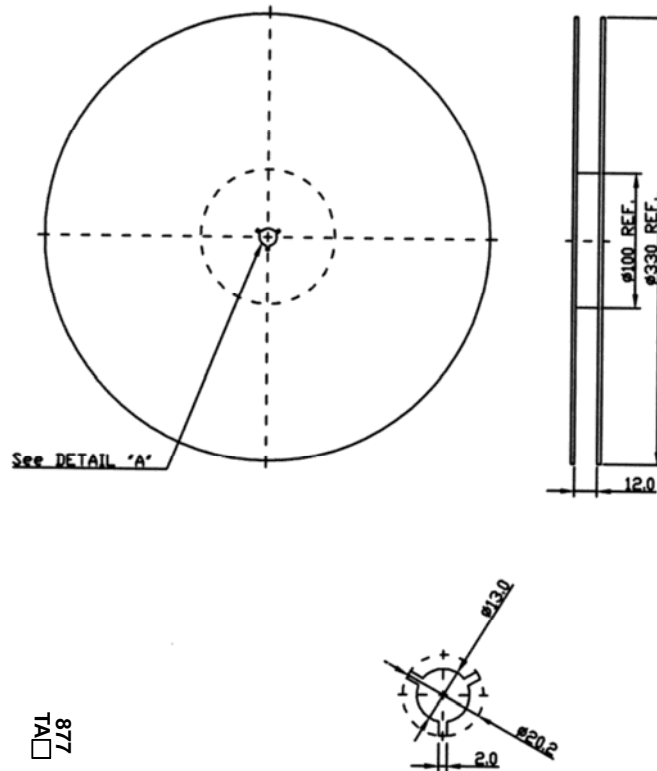


SAW Filter 787.50MHz
Part No: MP02103

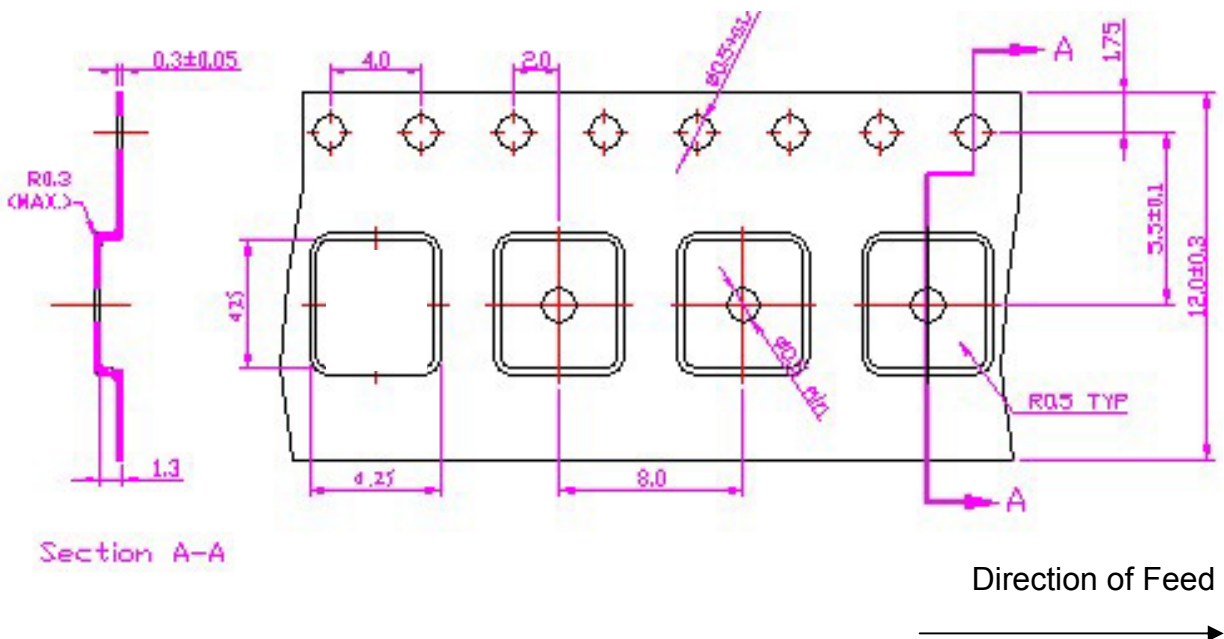
Model: TA0877A
Rev No: 1

G. PACKING:

1. Reel Dimension



2. Tape Dimension



SAW Filter 787.50MHz
Part No: MP02103

Model: TA0877A
Rev No: 1

H. RECOMMENDED REFLOW PROFILE:

