

SAW Filter 906.250MHz
Part No: MP11227

Model: TA1888A
Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

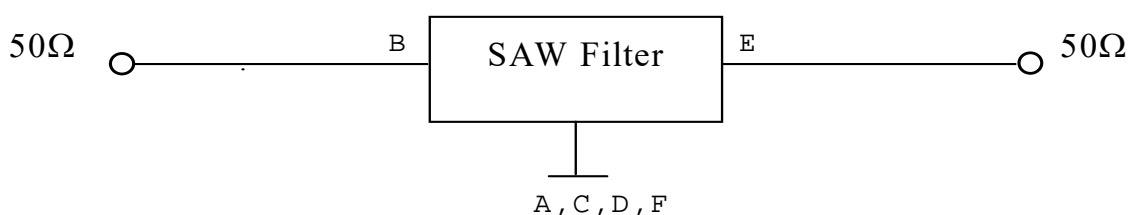
1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: 0°C to +50°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	906.25	-
Insertion Loss (897.5~915MHz) IL	dB	-	1.4	3.0
Amplitude ripple (897.5~915MHz)	dB	-	0.8	1.8
VSWR (897.5~915MHz)	-	-	1.6	2.4
Attenuation (Reference level from 0dB)				
10~880.9MHz	dB	25	40	-
880.9~886.25MHz	dB	11	23	-
926.25~928.7MHz	dB	13	32	-
928.7~1500MHz	dB	25	43	-
Temperature coefficient of frequency	ppm/k	-	-36	-

C. MEASUREMENT CIRCUIT:

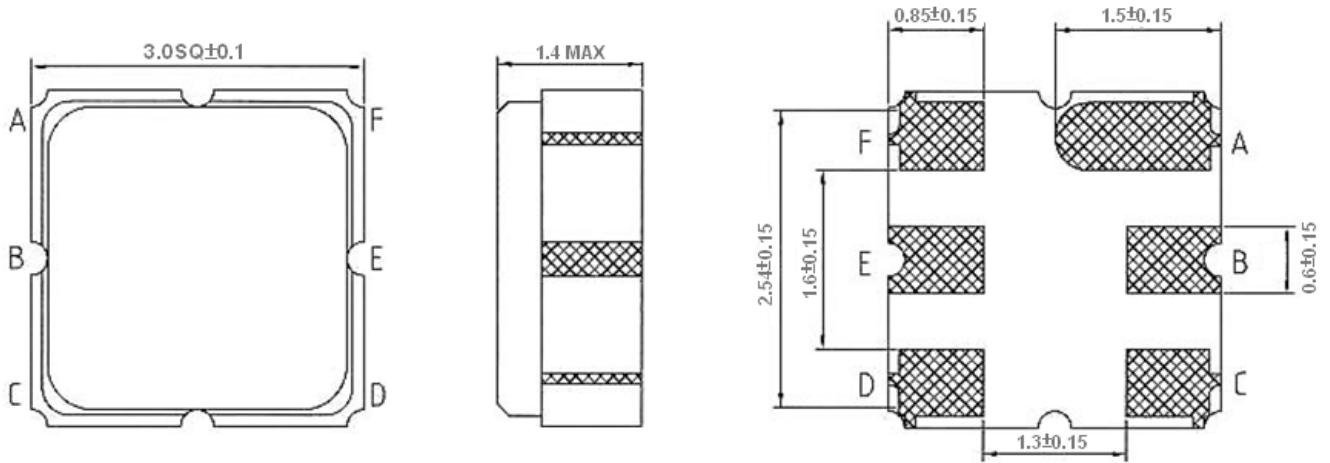
HP Network analyzer



SAW Filter 906.250MHz
Part No: MP11227

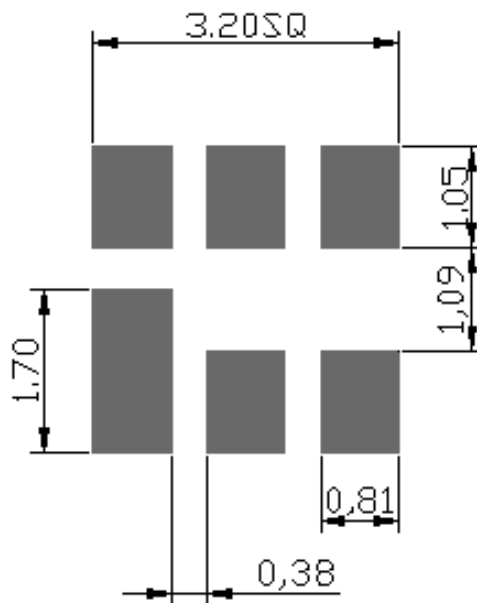
Model: TA1888A
Rev No: 1

D. OUTLINE DRAWING:



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

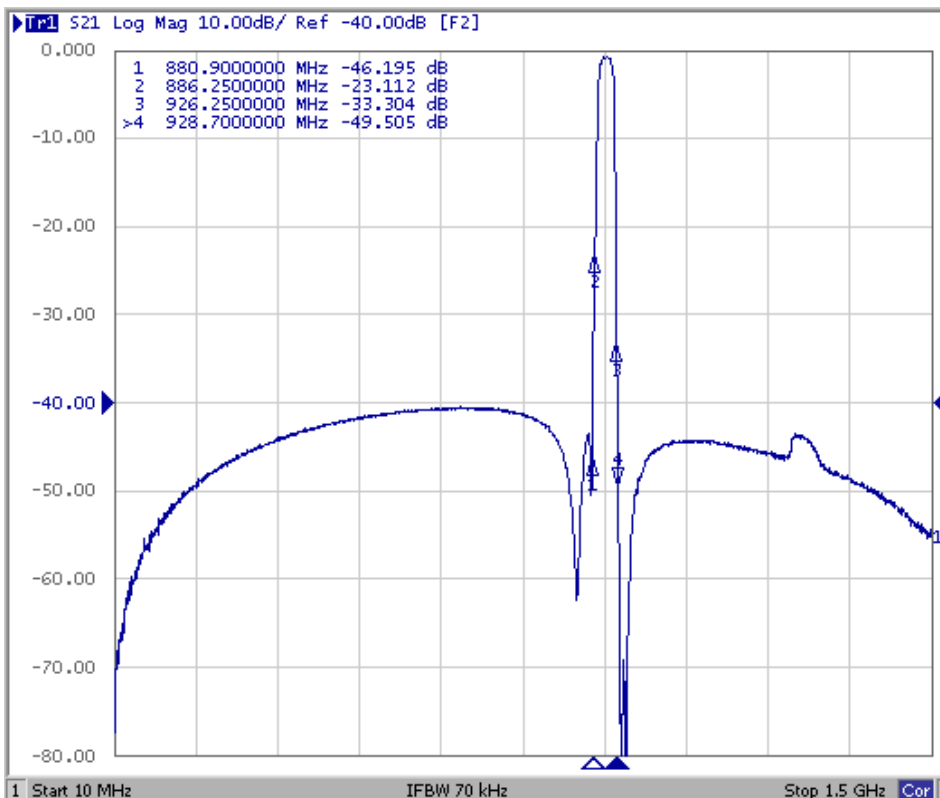
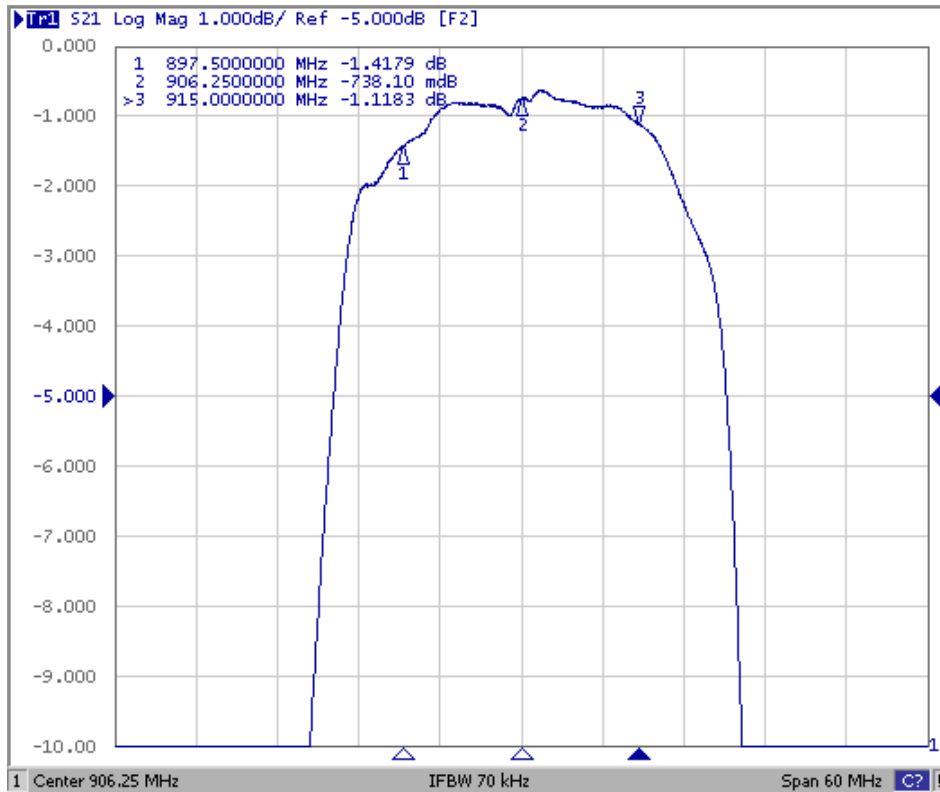
E. PCB FOOTPRINT:



SAW Filter 906.250MHz
Part No: MP11227

Model: TA1888A
Rev No: 1

F. FREQUENCY CHARATERISTICS:

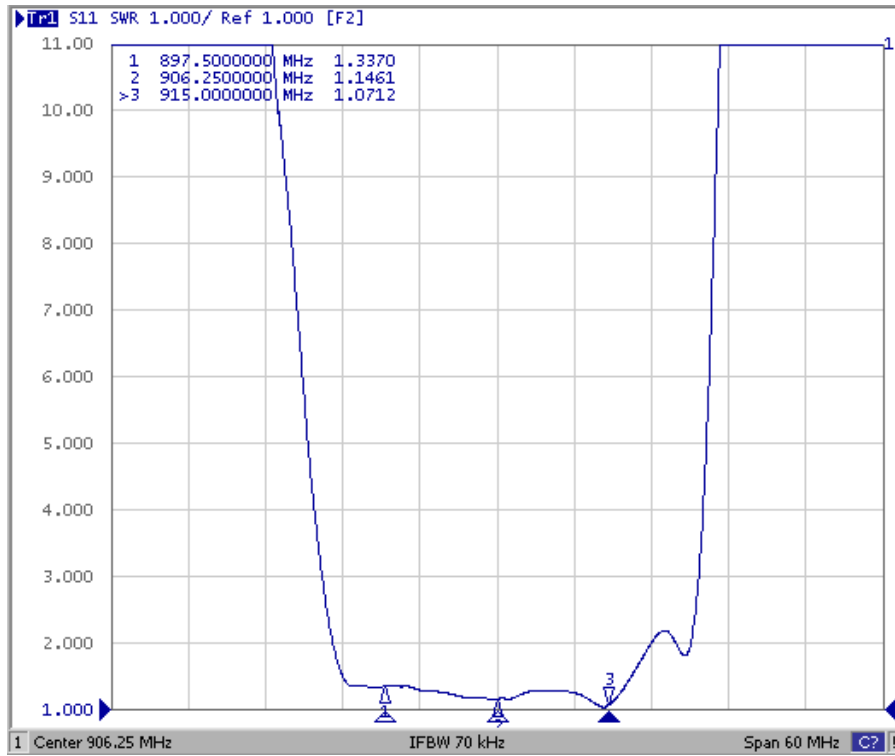


SAW Filter 906.250MHz
Part No: MP11227

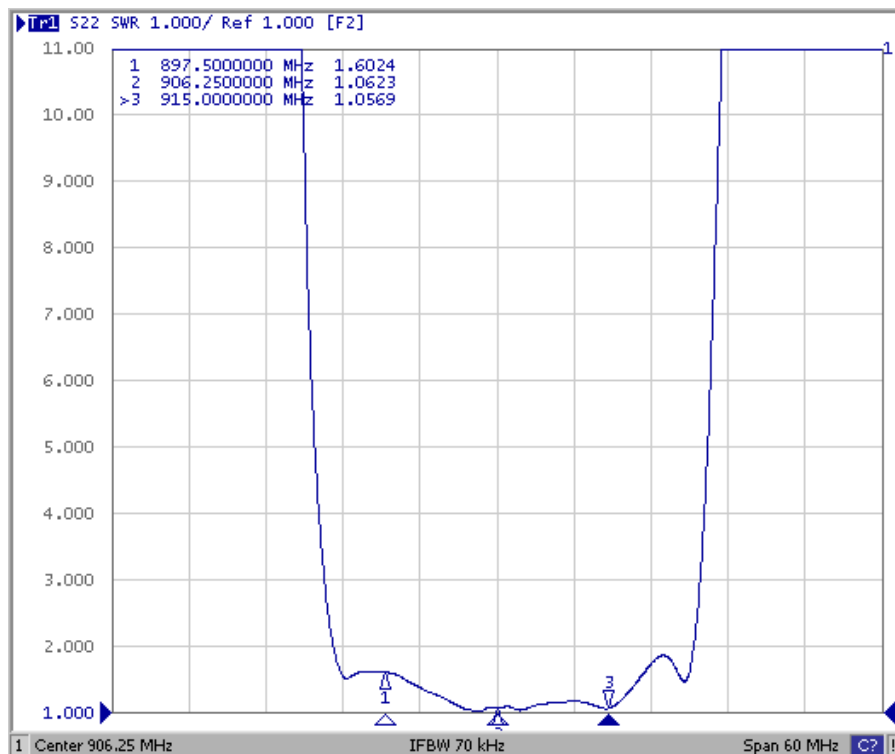
Model: TA1888A
Rev No: 1

Reflection Functions:

S11



S22

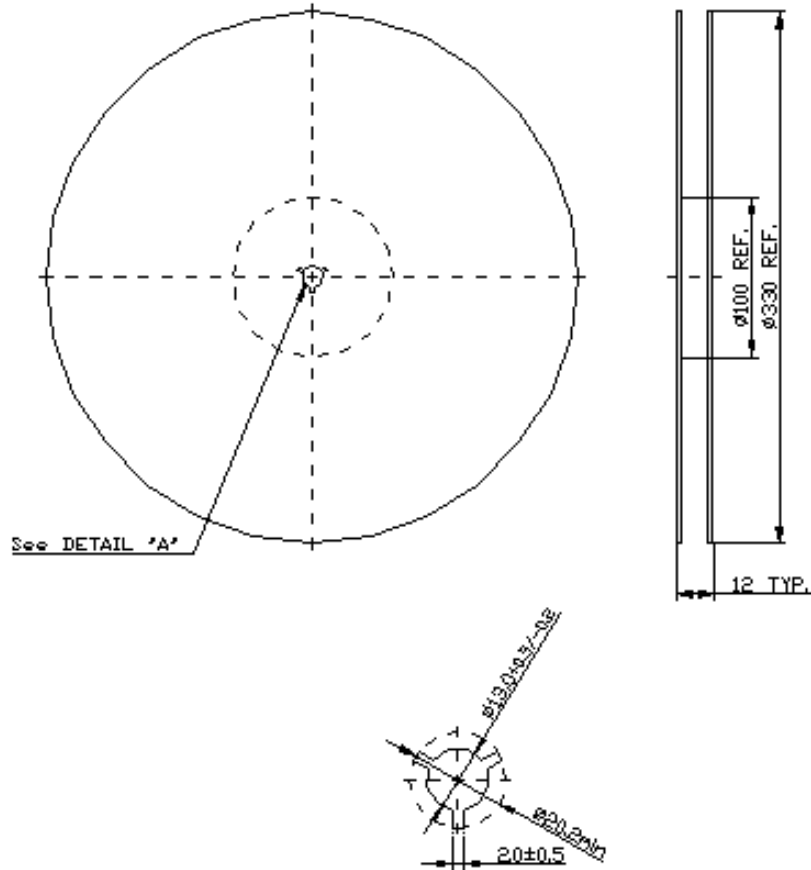


SAW Filter 906.250MHz
Part No: MP11227

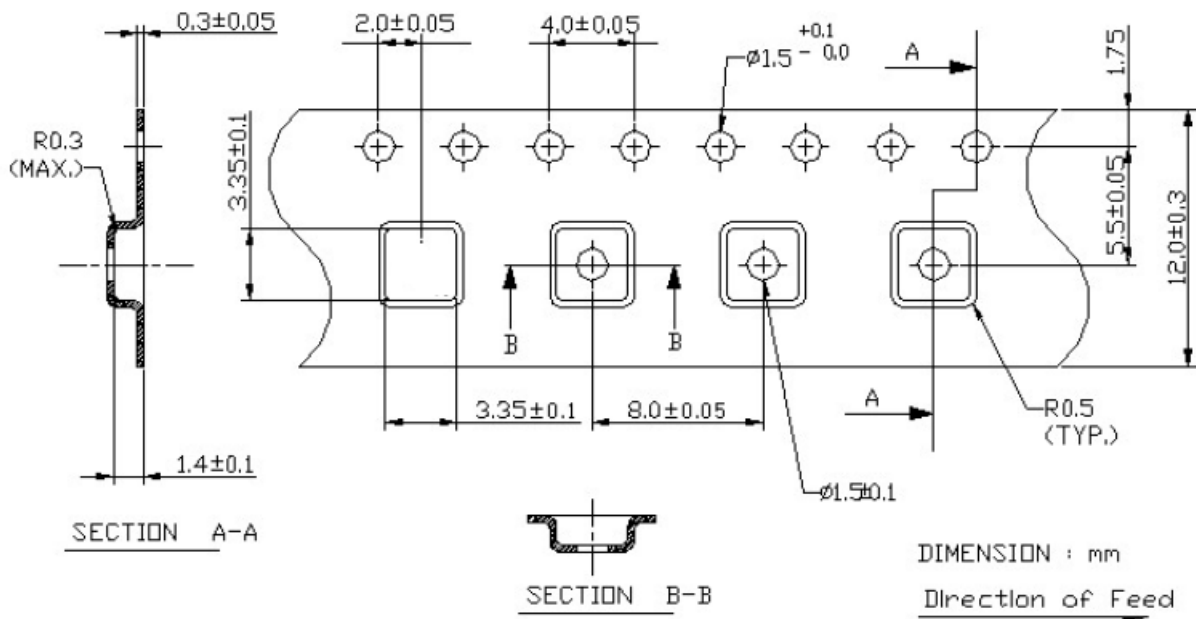
Model: TA1888A
Rev No: 1

G. PACKING:

1. Reel Dimensions



2. Tape Dimensions



SAW Filter 906.250MHz
Part No: MP11227

Model: TA1888A
Rev No: 1

H. 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 245~260°C peak (min. 10 sec).
4. Time: 2 times.

