

SAW Filter 629.0MHz
Part No: MP04214

Model: TA1212A
Rev No: 1

A. MAXIMUM RATING:

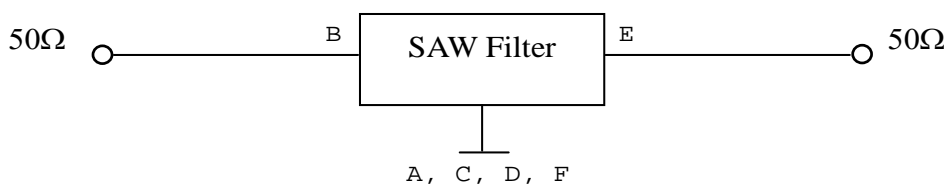
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	629	-
Min. Insertion loss (626.5 ~ 631.5MHz) IL	dB	-	1.45	3
Amplitude Ripple (626.5 ~ 631.5MHz)	dB	-	0.25	2
VSWR (626.5 ~ 631.5MHz)	-	-	1.7	2
Group Delay Ripple (626.5~631.5 MHz)	ns	-	14	80
Attenuation (Reference level from 0dB)				
0 ~ 560MHz	dB	45	56	-
560 ~ 595MHz	dB	40	52	-
660 ~ 680MHz	dB	25	40	-
680 ~ 700MHz	dB	35	49	-
700 ~ 1000MHz	dB	45	51	-
1000 ~ 1500MHz	dB	35	43	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-

C. MEASUREMENT CIRCUIT:

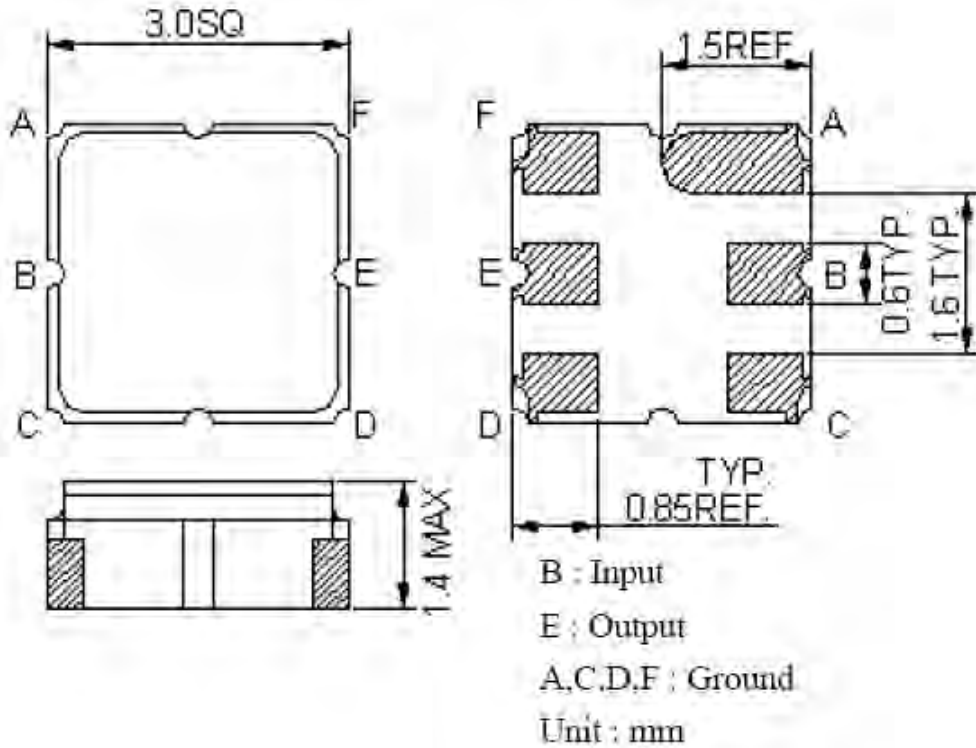
HP Network analyzer



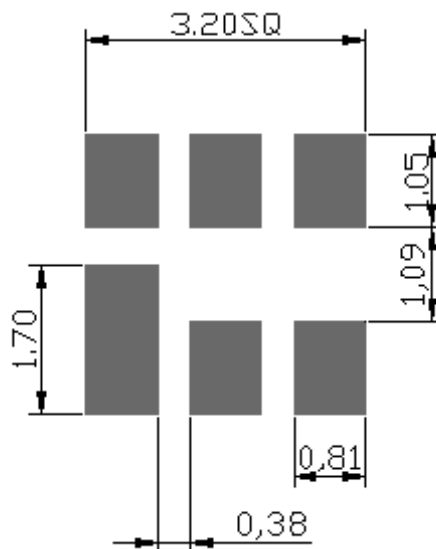
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D. OUTLINE DRAWING:



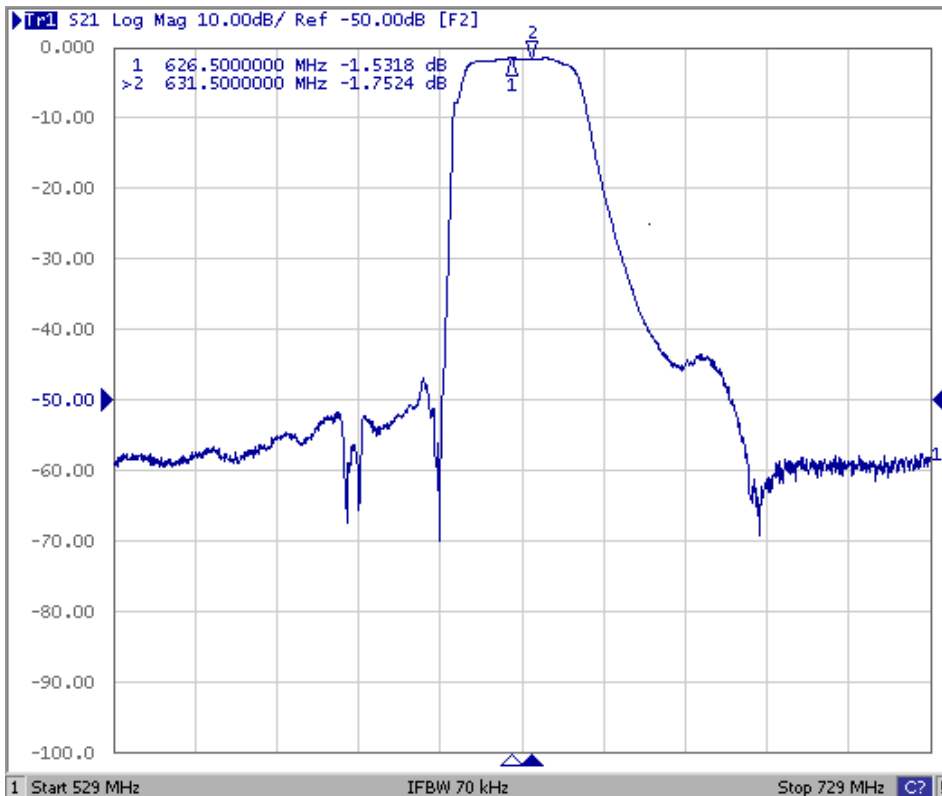
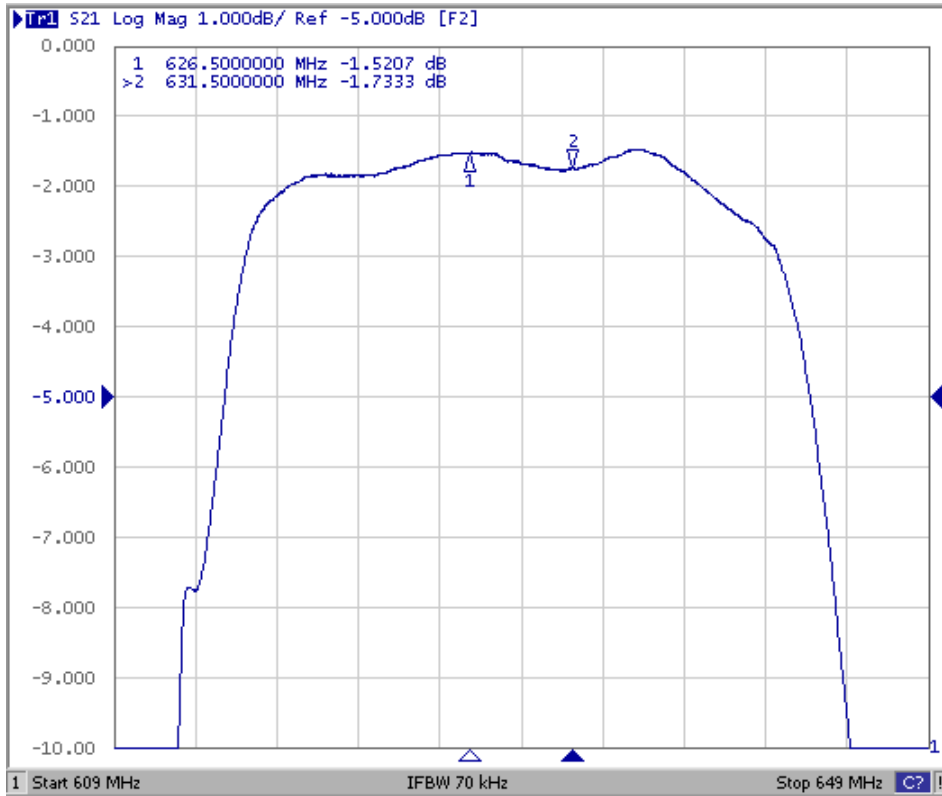
E. PCB FOOTPRINT:



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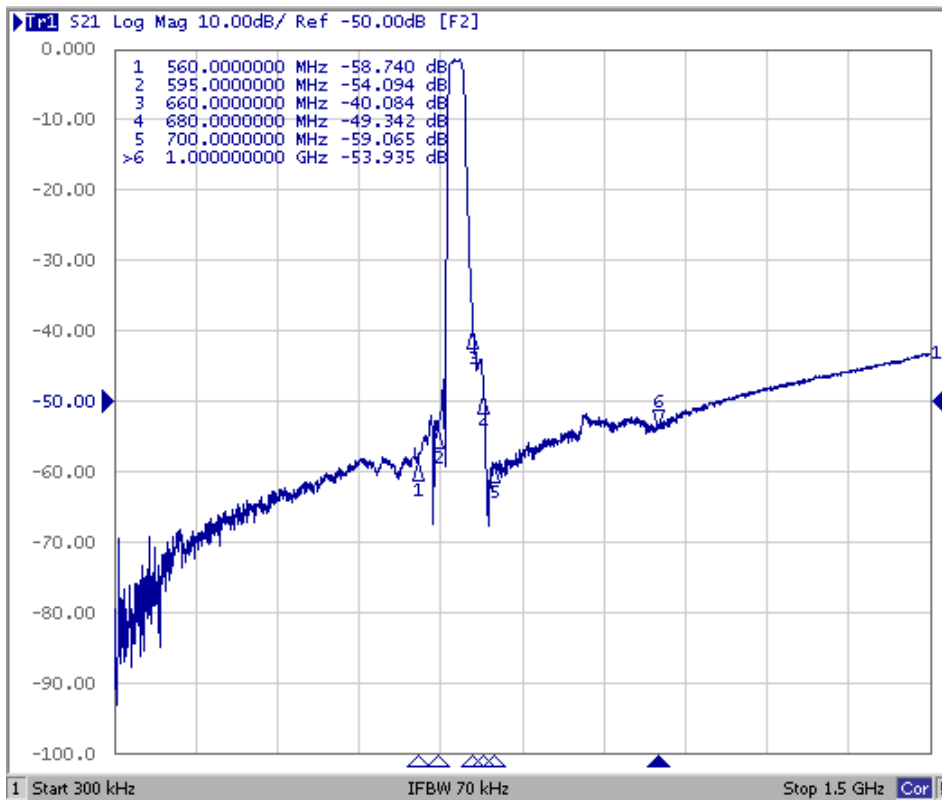
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F. FREQUENCY CHARACTERISTICS:



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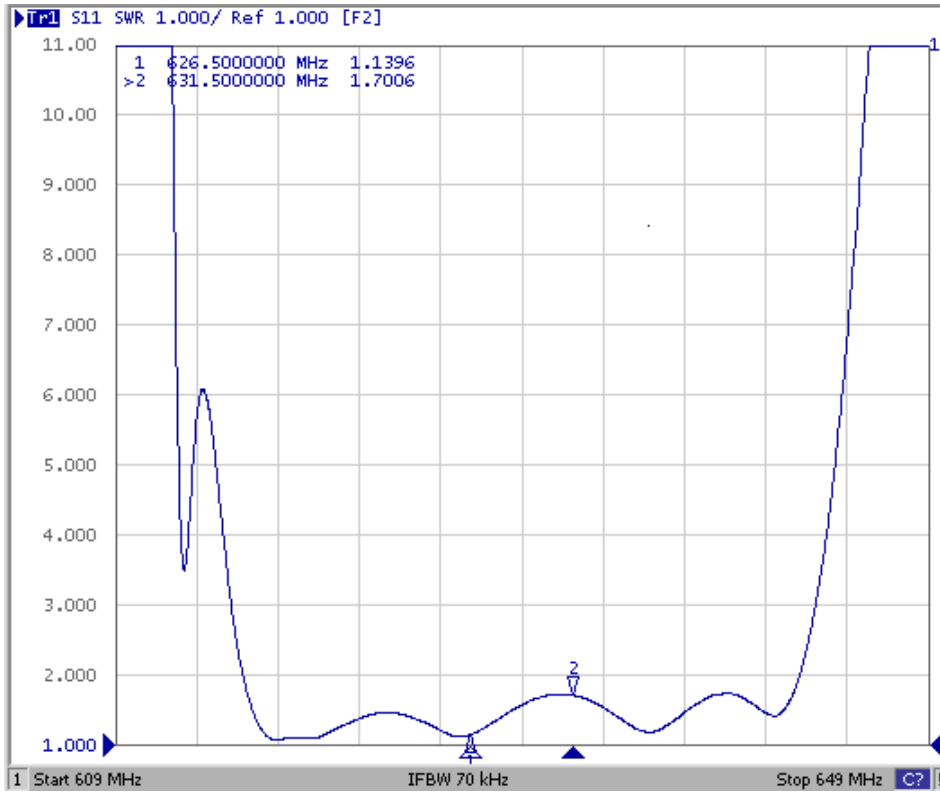


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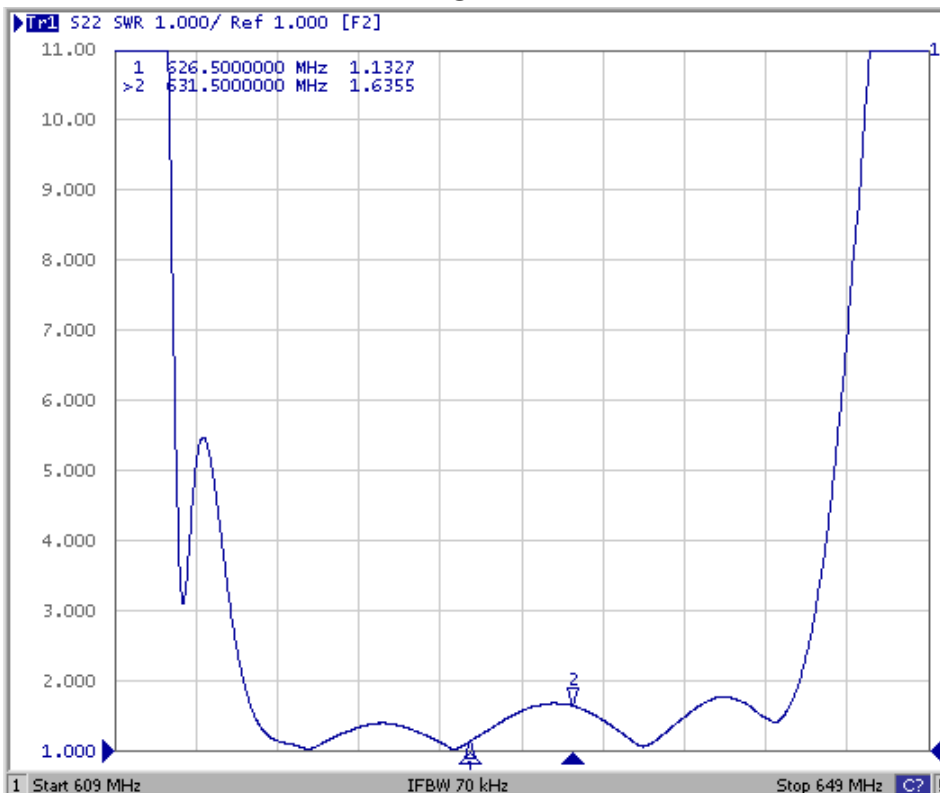
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Reflection Functions

S11



S22

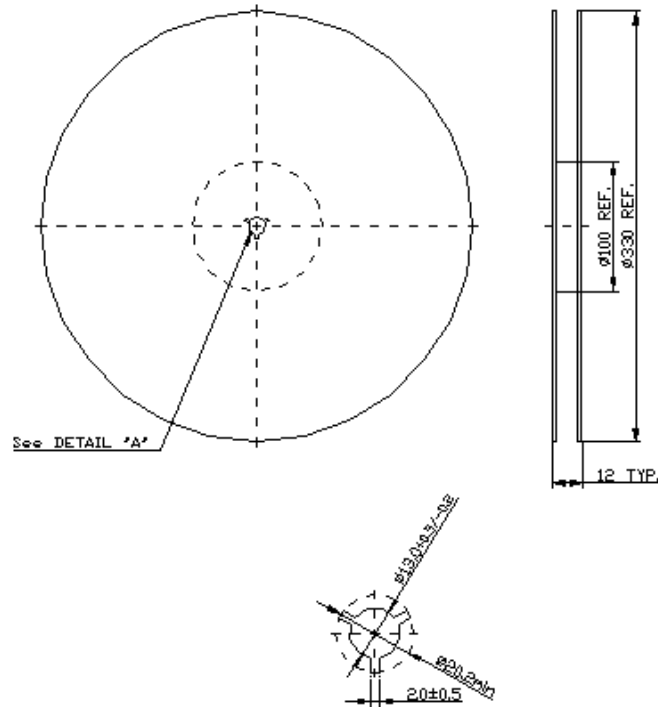


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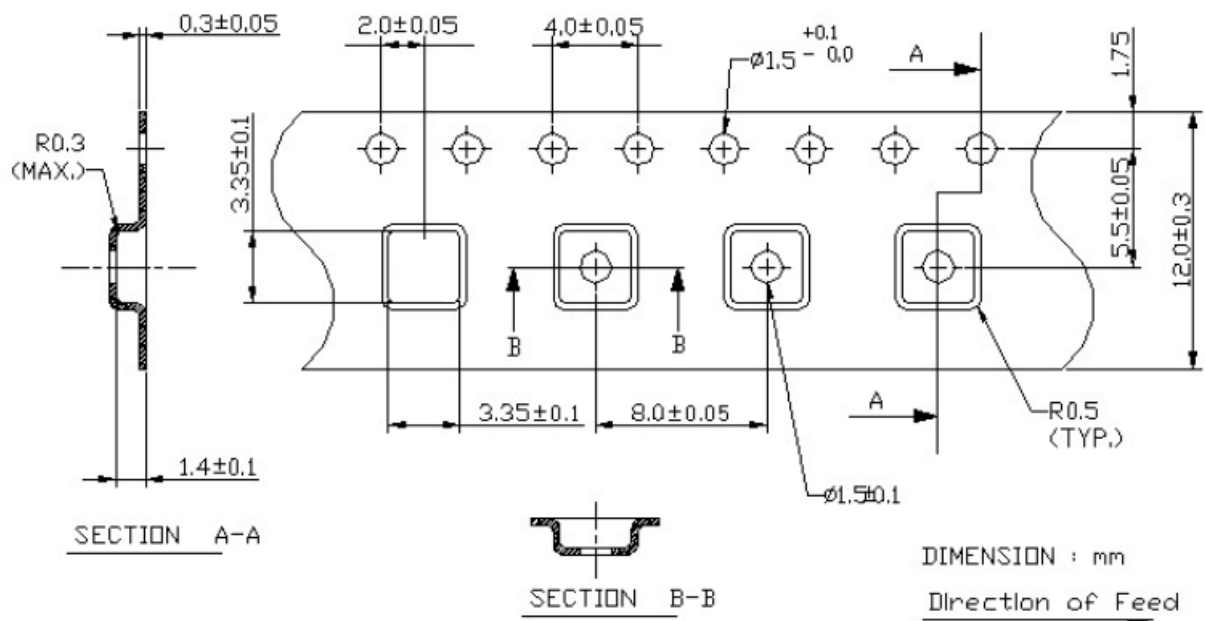
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G. PACKING:

1. Reel Dimension



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

