

SAW Filter: 1224.0MHz

Model: TA1617A

Part No: MP05600

Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

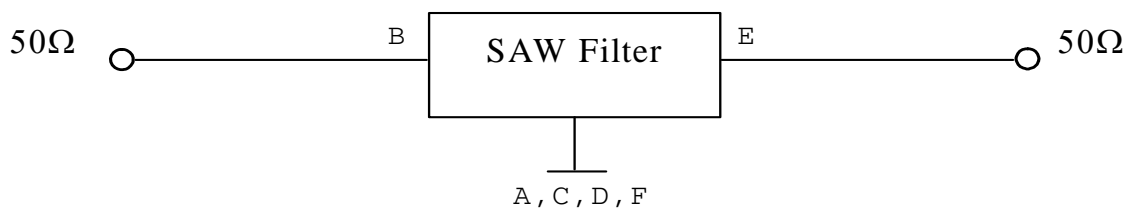
1. Input Power Level: 10dBm
2. DC voltage: 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	1224	-
Insertion loss (1170 ~ 1278MHz) IL	dB	-	4.4	5.5
Pass Band Ripple (1170 ~ 1278MHz)	dB	-	2.4	3.5
Group Delay Variation (1170 ~ 1278MHz)	ns	-	12	30
Return loss (1170 ~ 1278MHz)	dB	6	6.8	-
Attenuation (Reference level from 0dB)				
50 ~ 1025MHz	dB	18	27	-
1320 ~ 2000MHz	dB	9	18	-
Temperature Coefficient of Frequency	ppm/°C	-	-80	-

C. MEASUREMENT CIRCUIT:

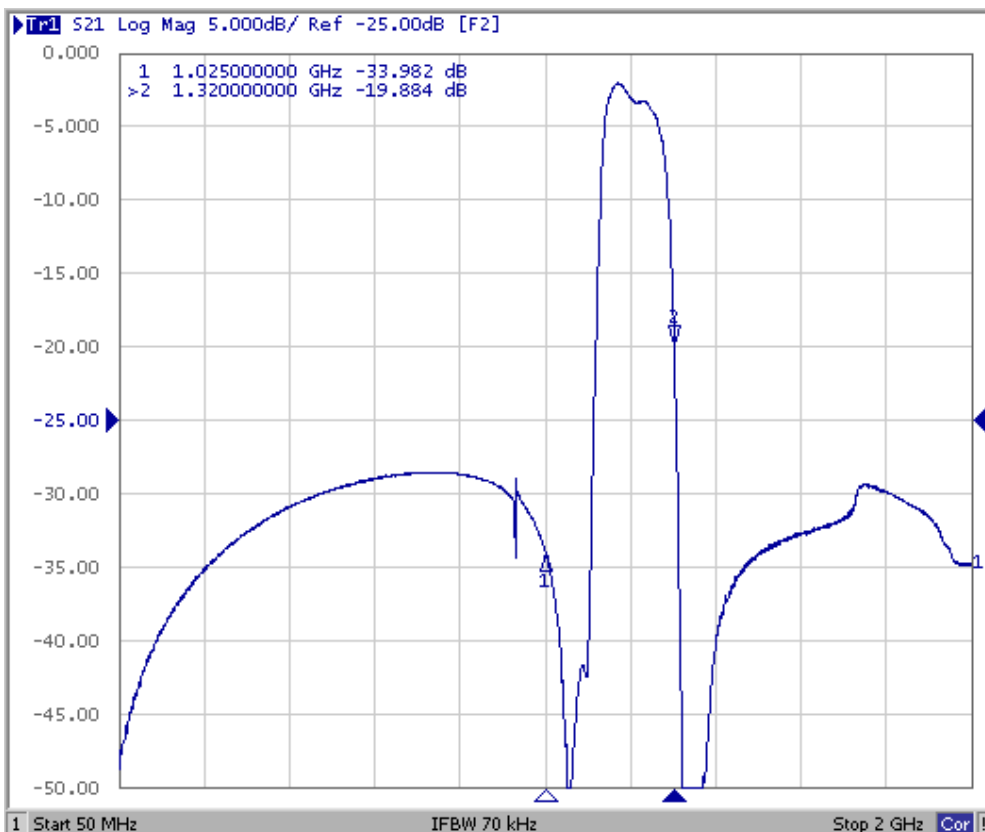
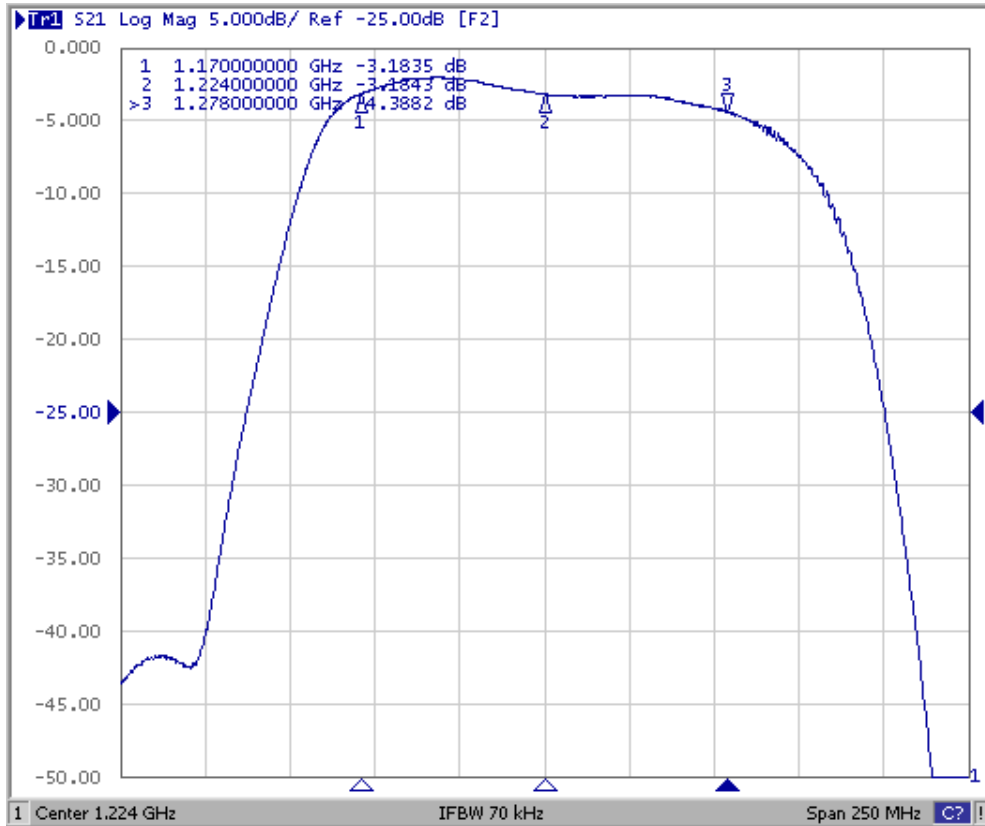
HP Network analyzer



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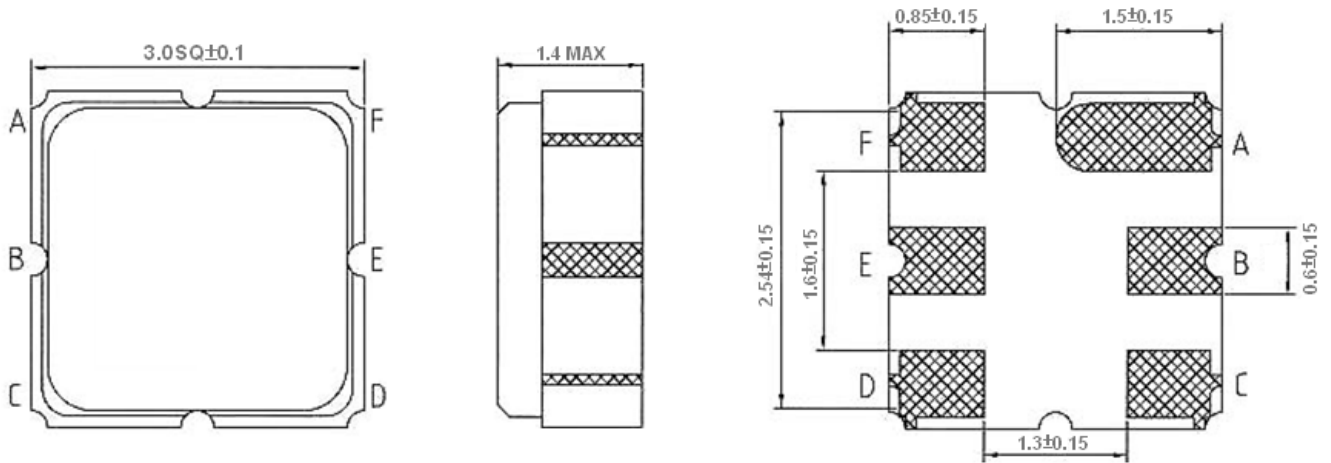
D. FREQUENCY CHARACTERISTICS:



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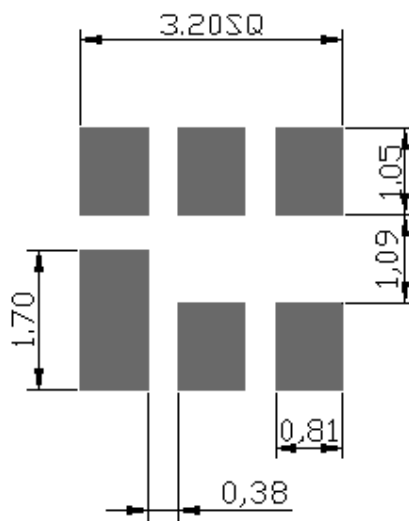
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E. OUTLINE DRAWING:



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

F. PCB FOOTPRINT:



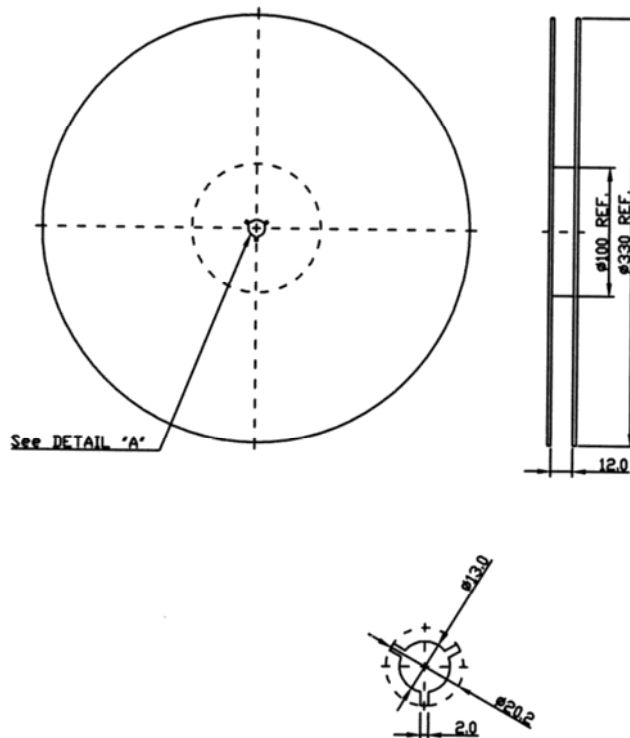
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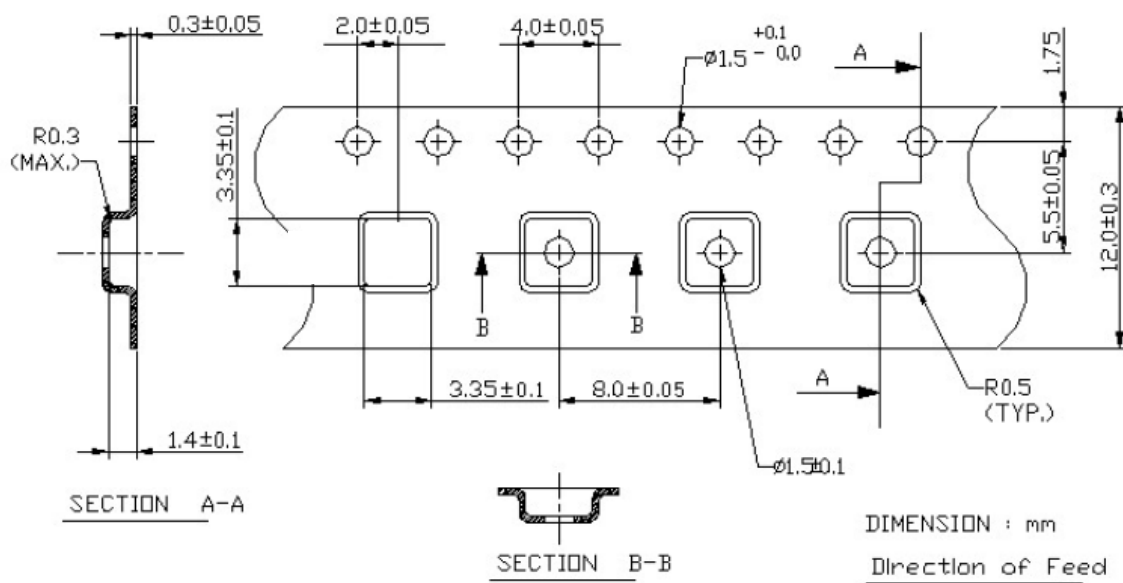
G. PACKING:

1. Reel Dimension

(Please refer to FR-75D10 for packing quantity)



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

