

SAW Filter 314.350MHz
Part No: MP06177

Model: TA1588A
Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device

1. Input Power Level: 10dBm
2. DC voltage: 6V
3. Operating Temperature: -40°C to 85°C
4. Storage Temperature: -40°C to +85°C

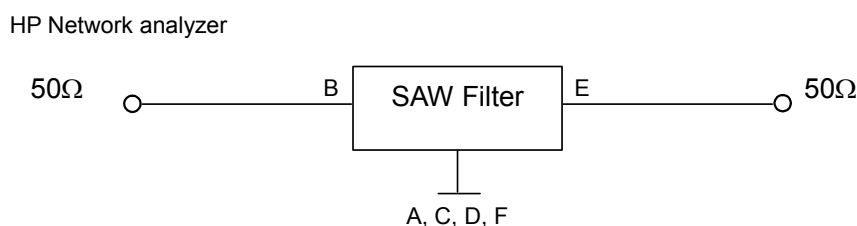
B. CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	314.35	-
Insertion loss 314.05 ~ 314.65MHz IL	dB	-	1.6	2.5
Amplitude ripple 314.05 ~ 314.65MHz	dB	-	0.1	1.2
Attenuation (Reference level from 0dB)				
270.00 ~ 286.00MHz	dB	55	63	-
292.65 ~ 293.25MHz	dB	53	79	-
303.35 ~ 303.95MHz	dB	48	67	-
324.75 ~ 325.35MHz	dB	23	30	-
335.45 ~ 336.05MHz	dB	42	50	-
357.50 ~ 358.70MHz	dB	50	66	-
Source impedance Z _S	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-

Note 1. No matching network required for operation at 50Ω.

Note 2. For SiO₂ coating.

C. MEASUREMENT CIRCUIT:

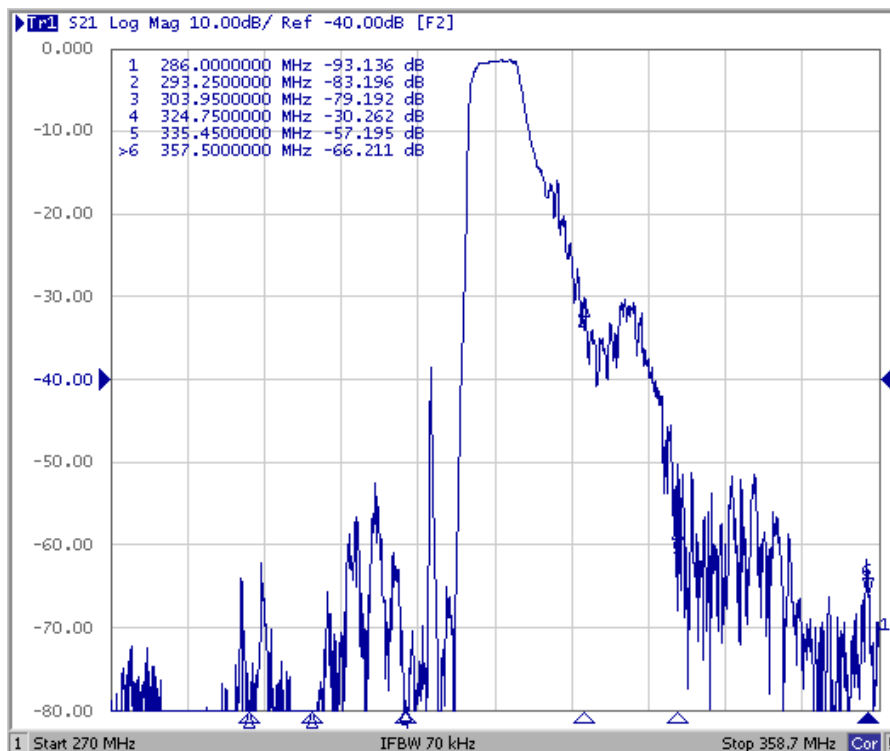
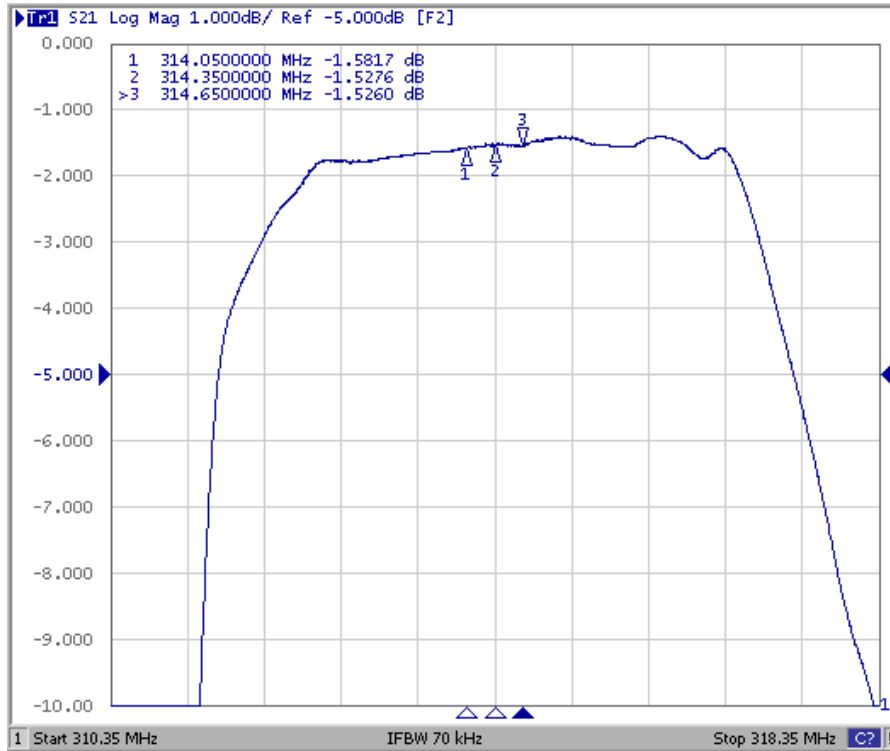


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D. FREQUENCY CHARACTERISTICS:

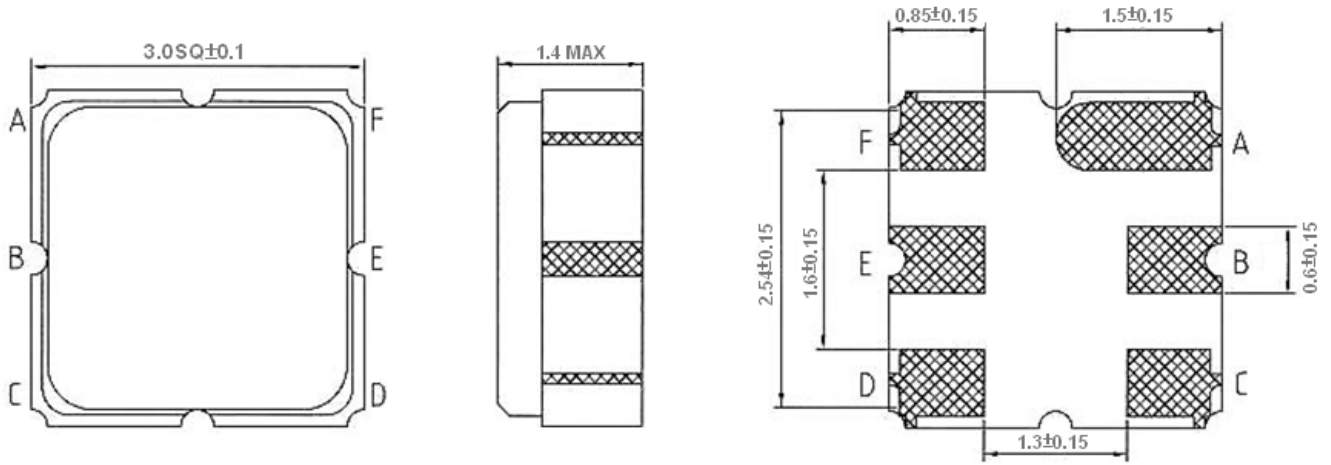
Transfer function:



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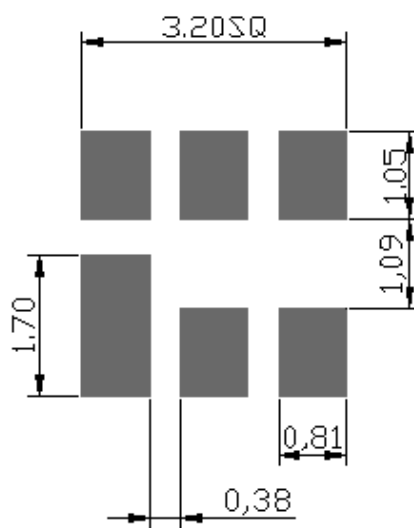
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E. OUTLINE DRAWING:



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

F. PCB FOOTPRINT:

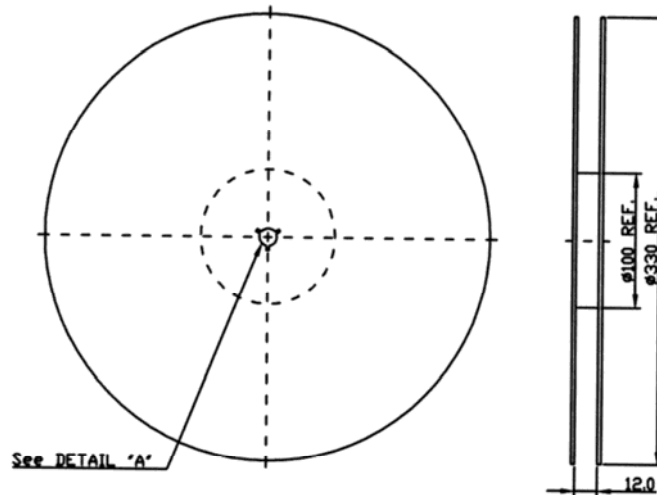


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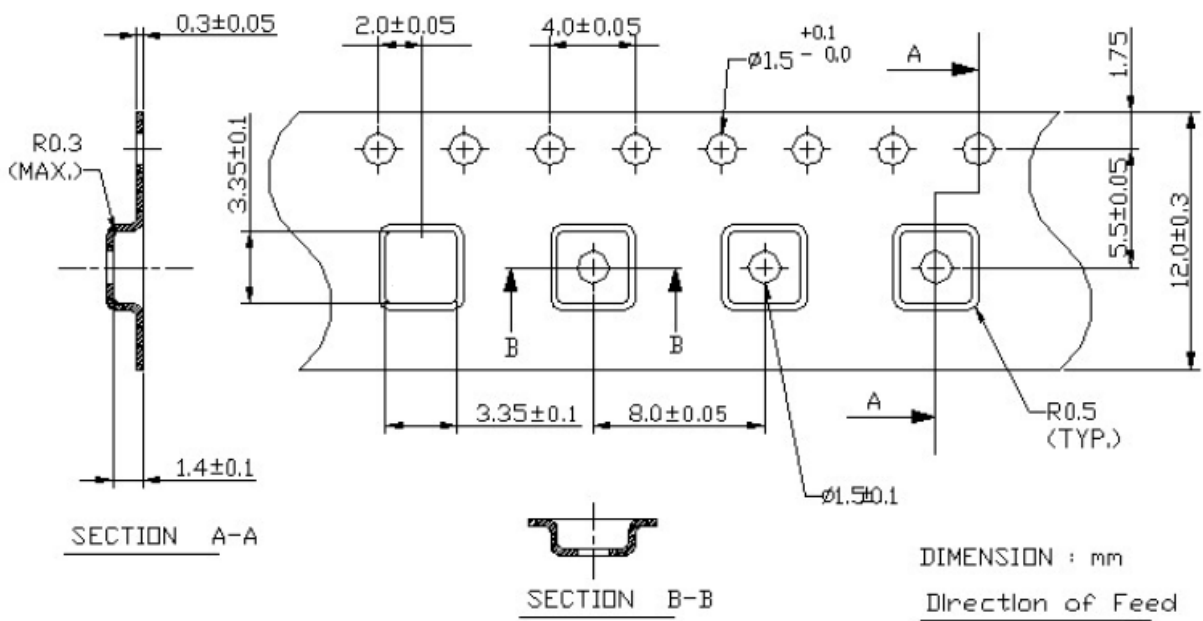
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G. PACKING:

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



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

