

SAW Filter 354.50MHz
Part No: MP03298

Model: TA1209A
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

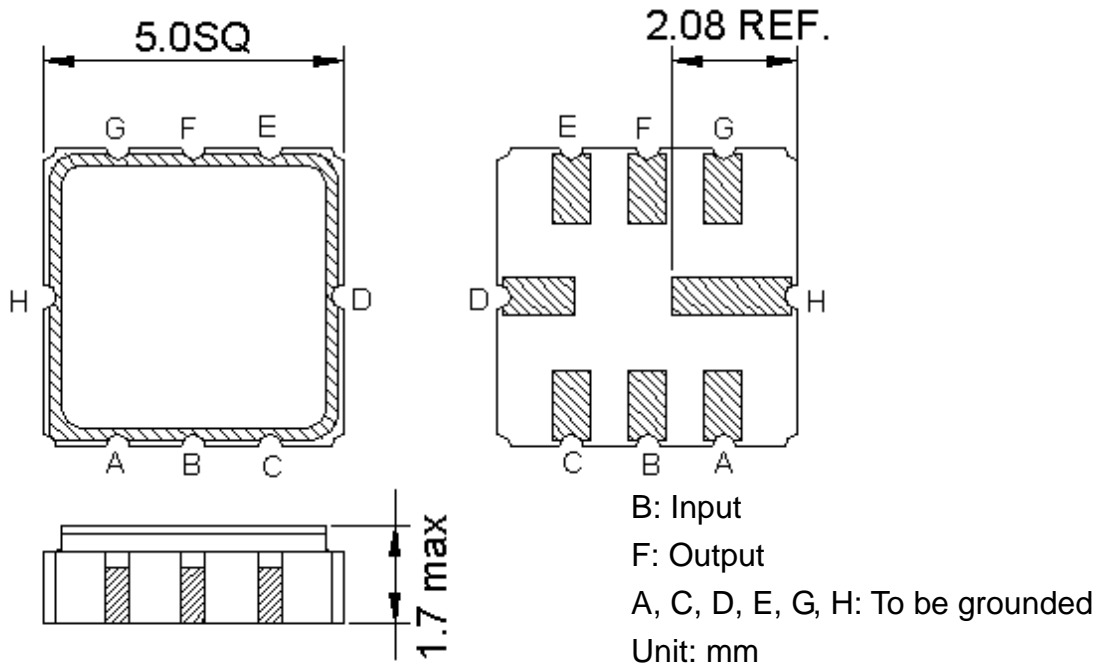
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	354.5	-
Insertion loss (351 ~ 358MHz) IL	dB	-	2.15	3.5
Amplitude Ripple (351 ~ 358MHz)	dB	-	0.85	2
VSWR (351~358MHz)		-	1.4	2
Attenuation (Reference level from 0dB)				
10 ~ 341MHz	dB	40	52	-
367 ~ 380MHz	dB	25	38.4	-
380 ~ 920MHz	dB	35	46	-
920 ~ 1220MHz	dB	40	42	-
Source impedance Z _S	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-
Temperature Coefficient	ppm/°C	-	-36	-

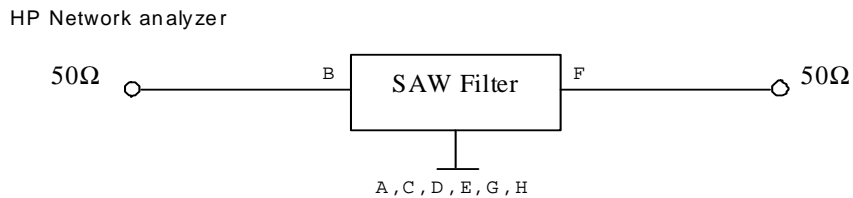
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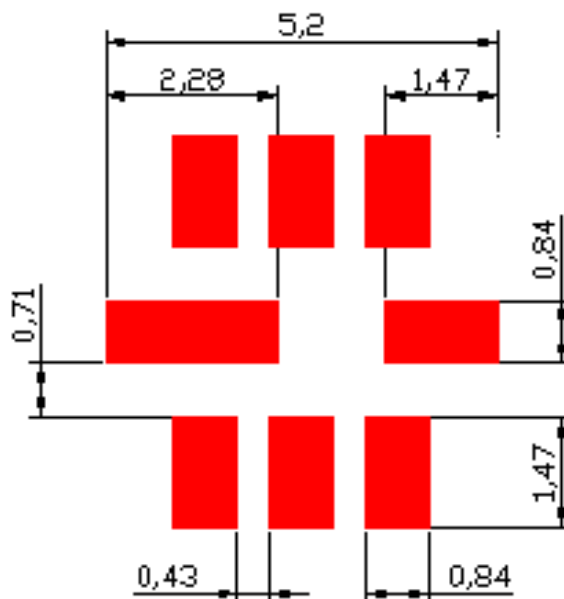
C. OUTLINE DRAWING:



D. MEASUREMENT CIRCUIT:



E. PCB FOOTPRINT:

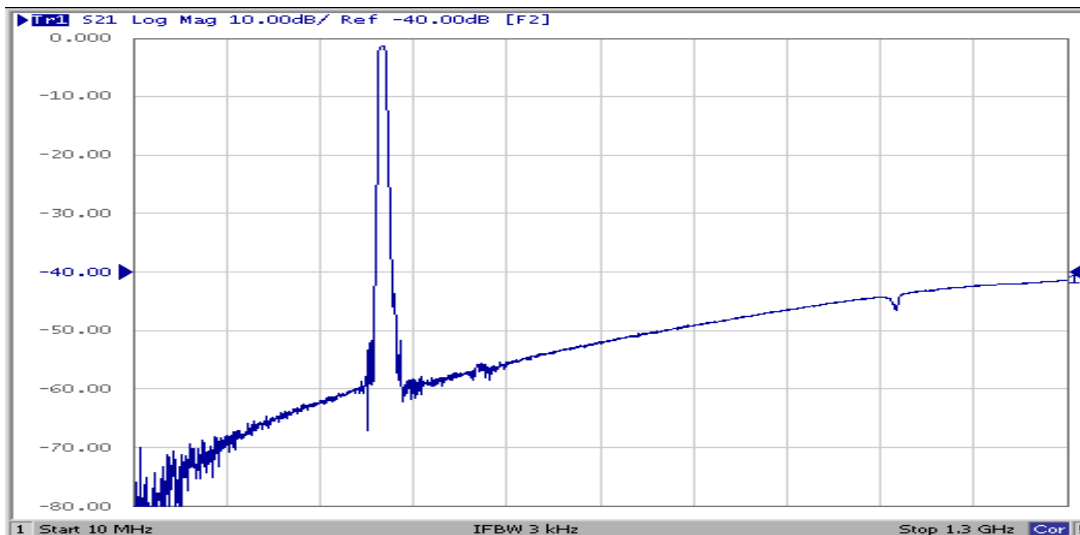
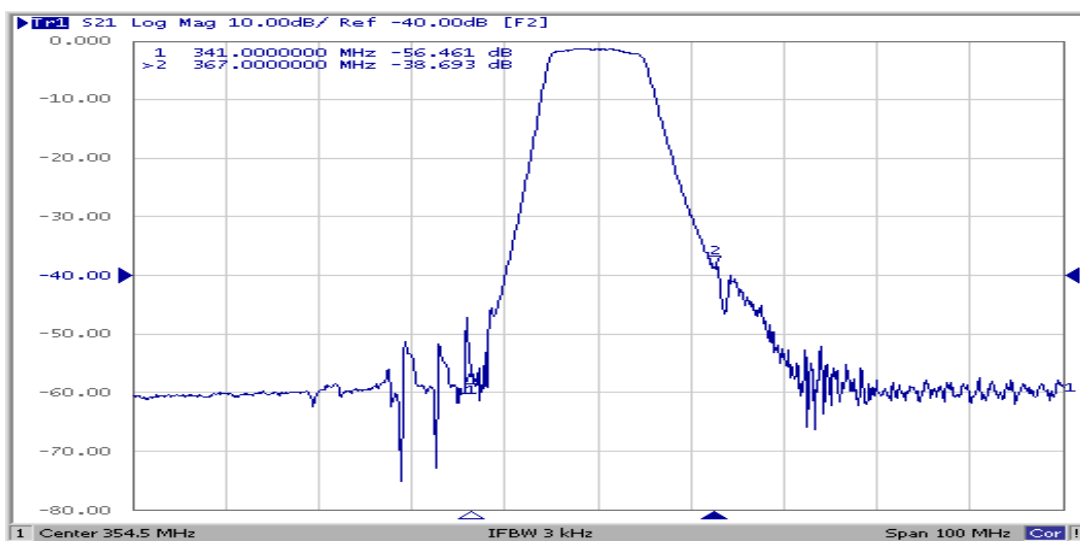
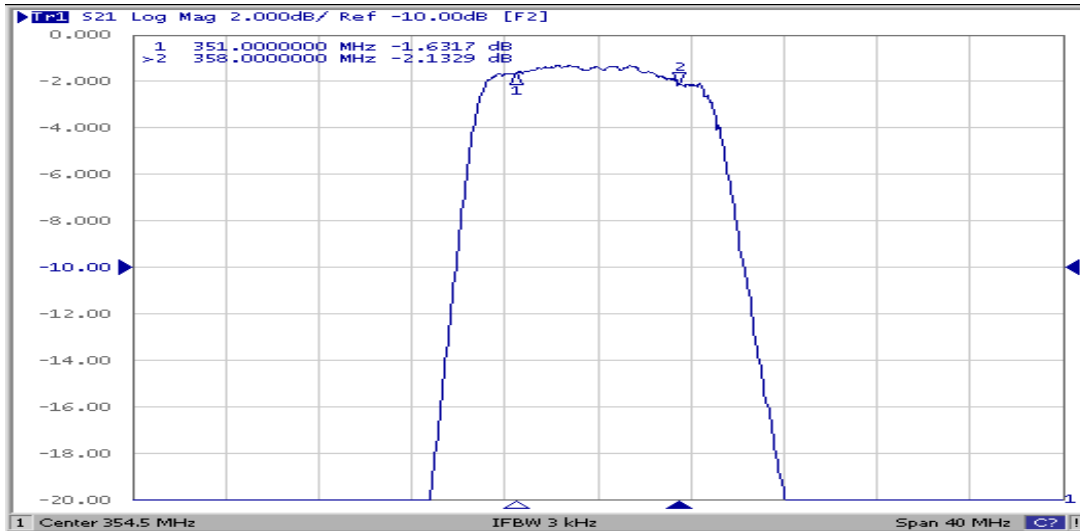


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F. FREQUENCY CHARACTERISTICS:

Transfer function

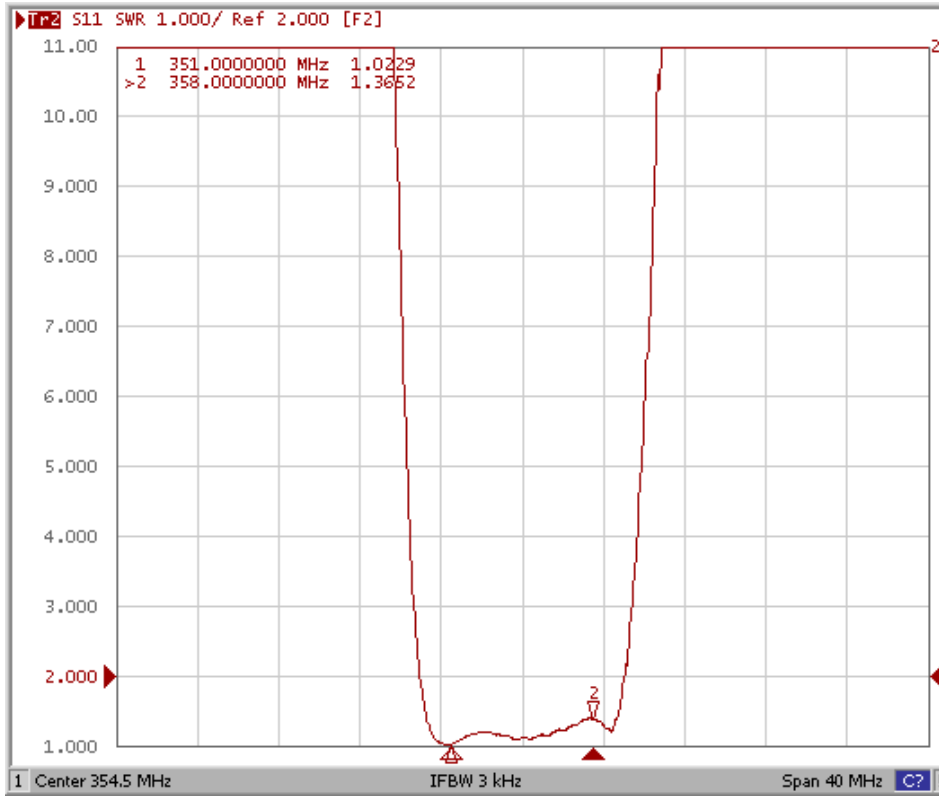


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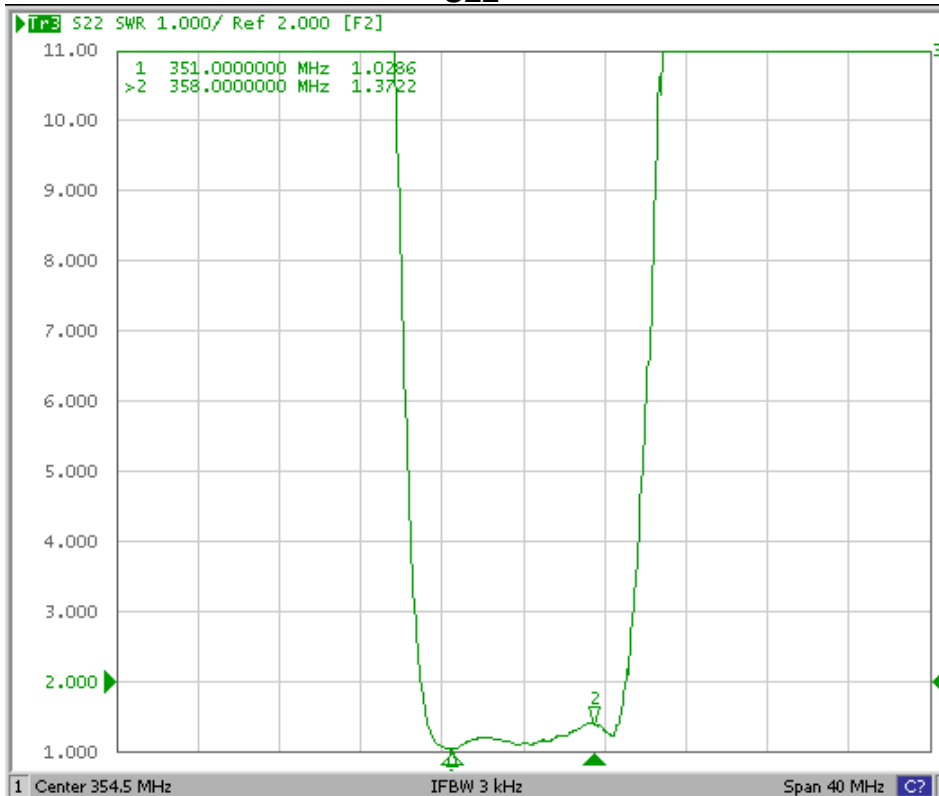
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Reflection Functions

S11



S22

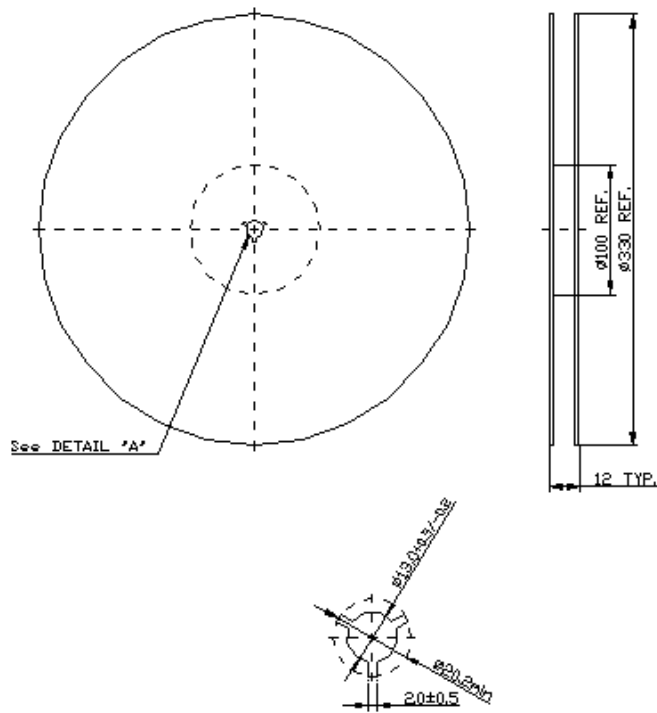


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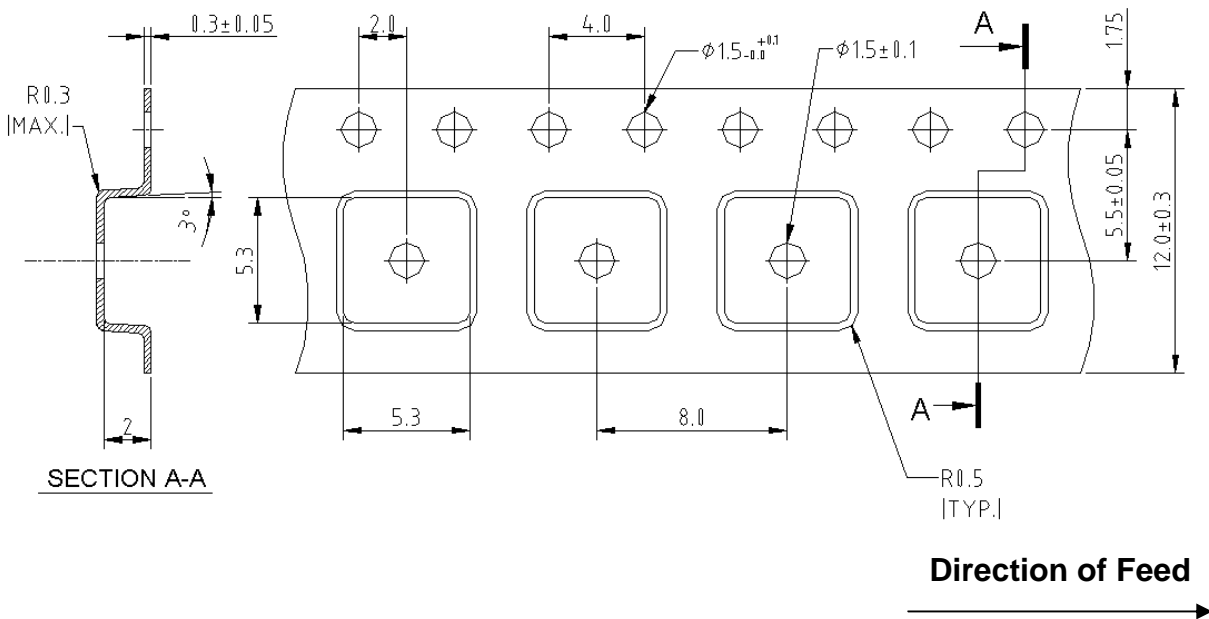
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE:

