

SAW Filter 2355.0MHz
Part No: MP06858

Model: TA1787A
Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

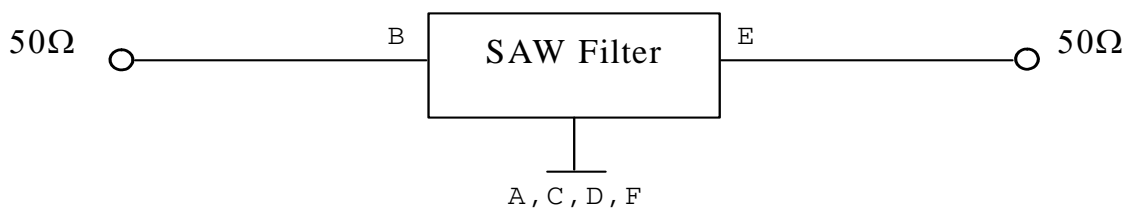
1. Input Power Level: 13dBm
2. DC voltage: 5V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	2355	-
Insertion Loss (2350 ~ 2360MHz) IL	dB	-	3.7	3.9
Amplitude Ripple (2350 ~ 2360MHz)	dB	-	0.5	1.5
VSWR (2350 ~ 2360MHz)	ns	-	1.4	2.5
Attenuation (Reference level from 0dB)				
1885 ~ 1890MHz	dB	42	47	-
2010 ~ 2013MHz	dB	35	47	-
2305 ~ 2315MHz	dB	25	36	-
2500 ~ 3600MHz	dB	27	41	-
Temperature coefficient of frequency	ppm/k	-	-36	-

C. MEASUREMENT CIRCUIT:

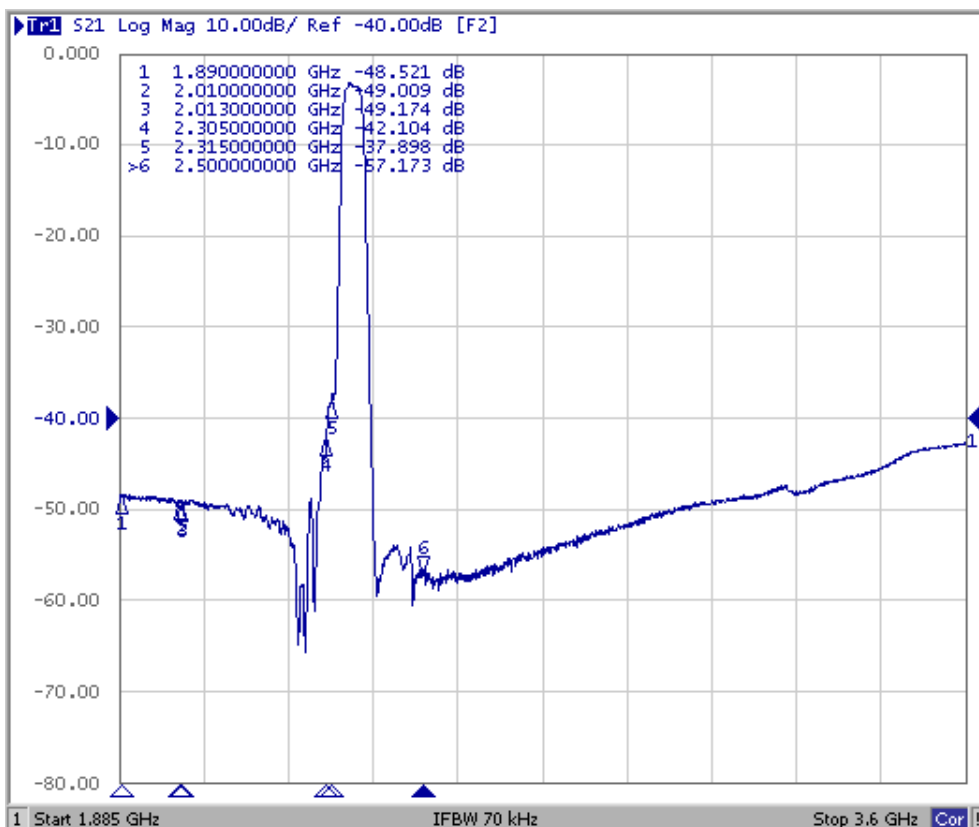
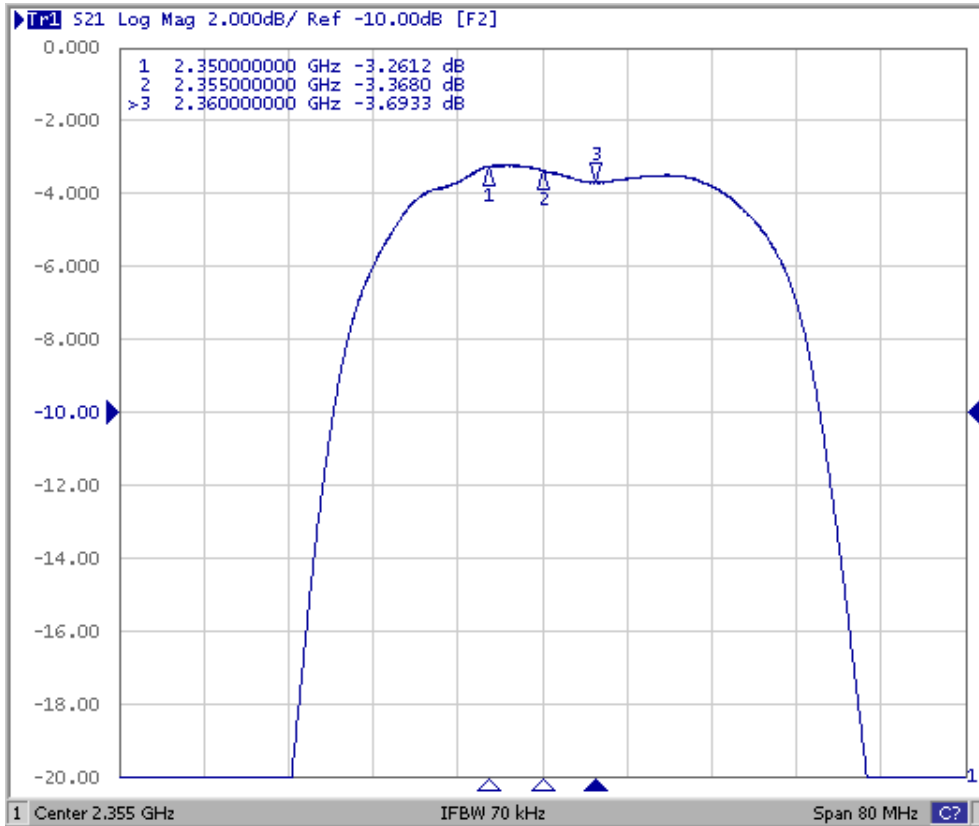
HP Network analyzer



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D. FREQUENCY CHARACTERISTICS:

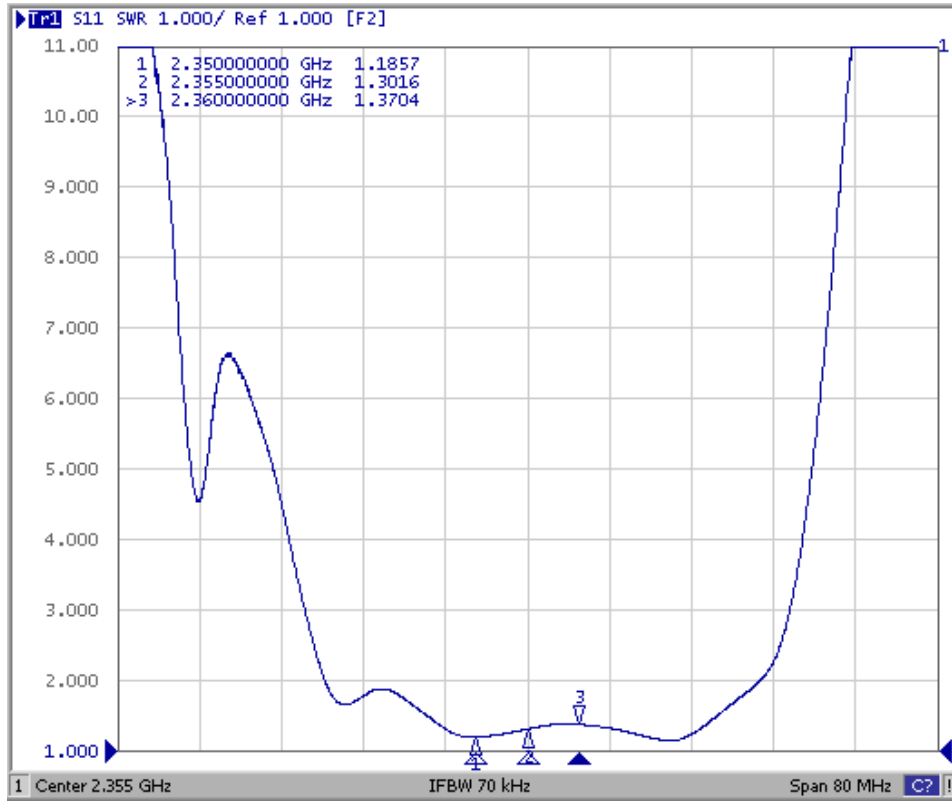


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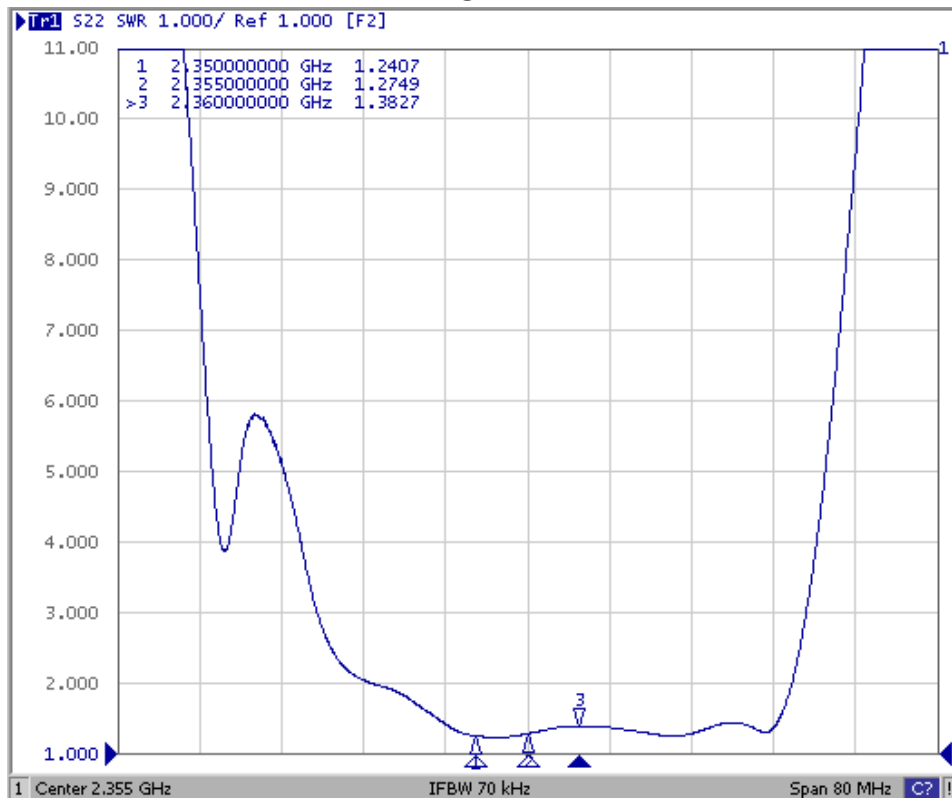
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Reflection Functions

S11



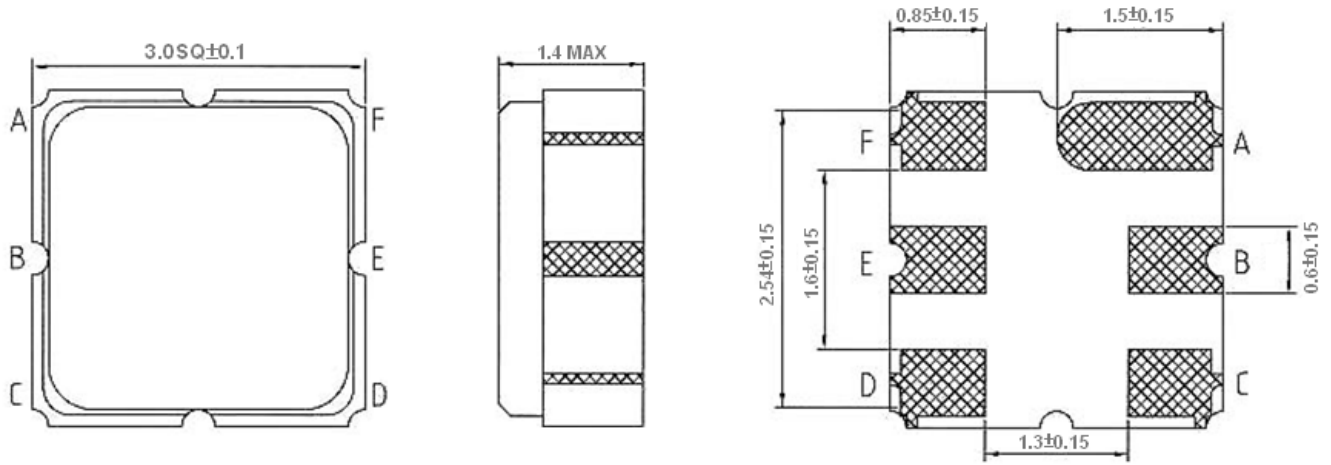
S22



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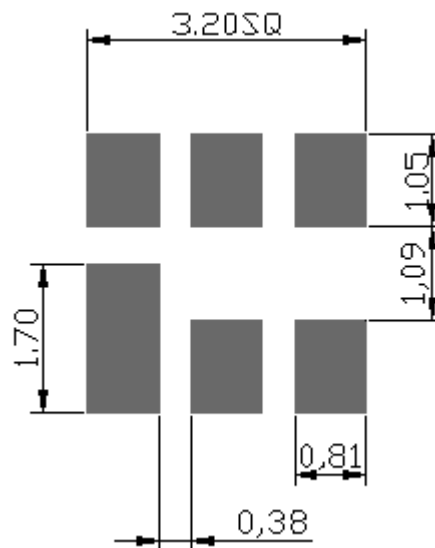
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E. OUTLINE DRAWING:



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

F. PCB FOOTPRINT:

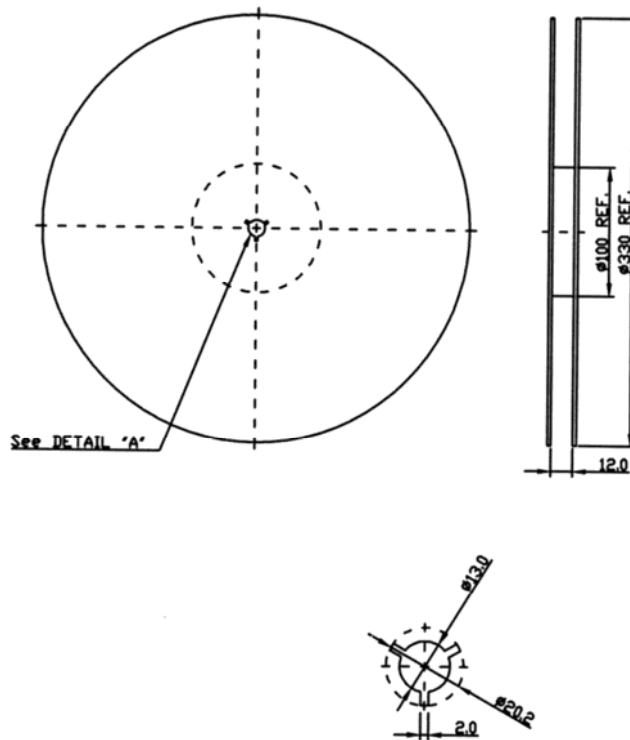


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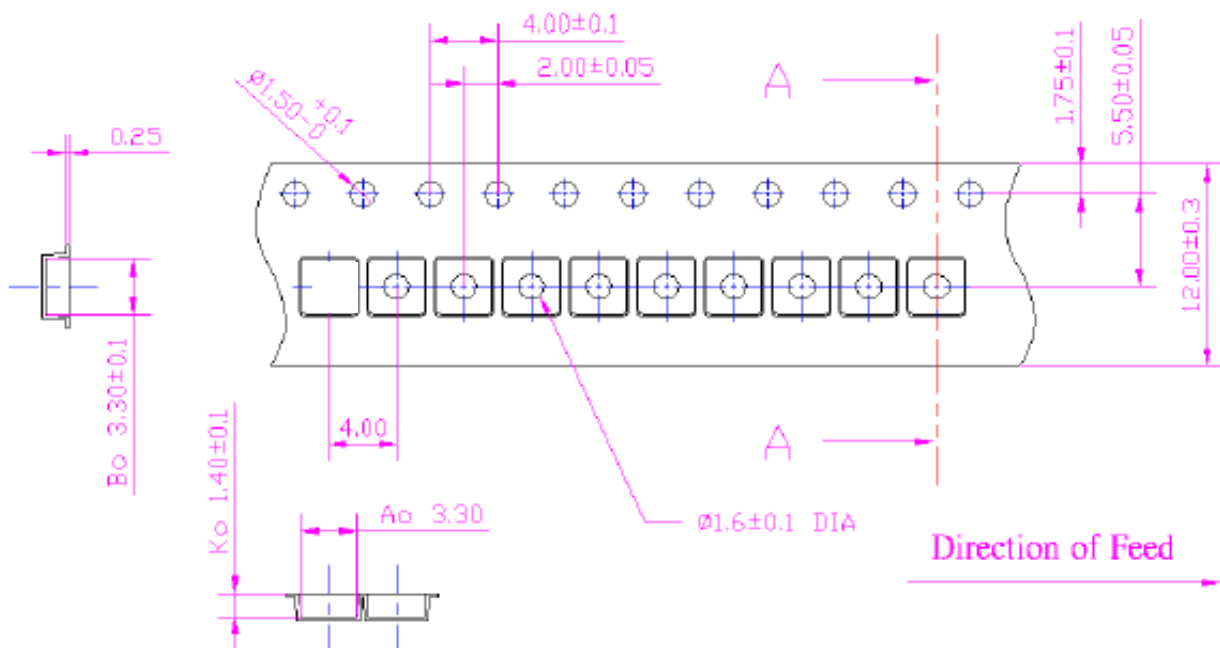
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G. PACKING:

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



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

