

SAW Filter 2655MHz
Part No: MP03230

Model: TA1232A
Rev No: 1

A. MAXIMUM RATING:

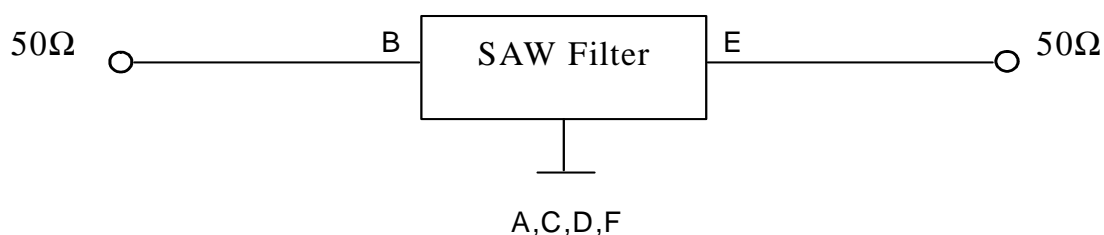
1. Input Power Level: 15dBm
2. DC Voltage: 12V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	2655	-
Insertion Loss (2620 ~ 2690MHz) IL	dB	-	2.2	3.6
Amplitude Ripple (2620 ~ 2690MHz)	dB	-	0.7	2.2
Group delay ripple (2620 ~ 2690MHz)	ns	-	7	35
VSWR (2620 ~ 2690MHz)	-	-	1.9	2.5
Attenuation (Reference level from 0dB)				
300 ~ 500MHz	dB	20	36	-
500 ~ 2450MHz	dB	22	30	-
2450 ~ 2550MHz	dB	25	36	-
2745 ~ 3000MHz	dB	15	37	-

C. MEASUREMENT CIRCUIT:

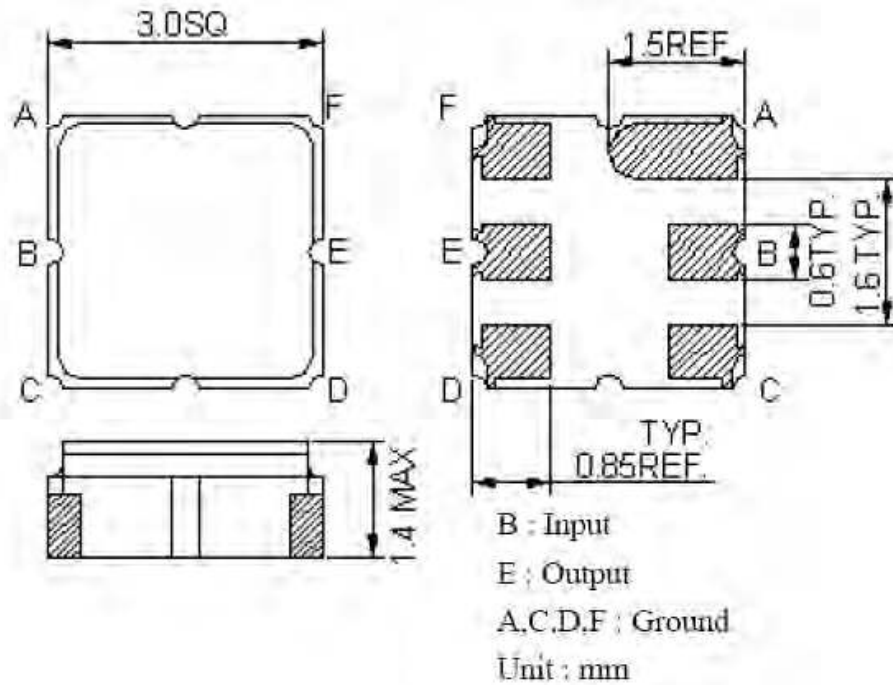
HP Network analyzer



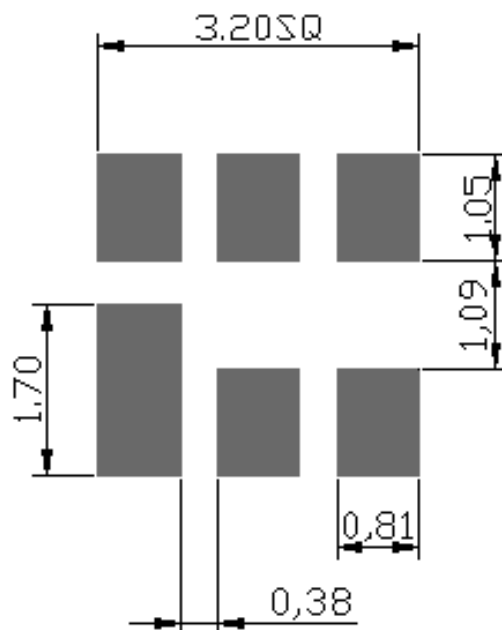
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D. OUTLINE DRAWING:



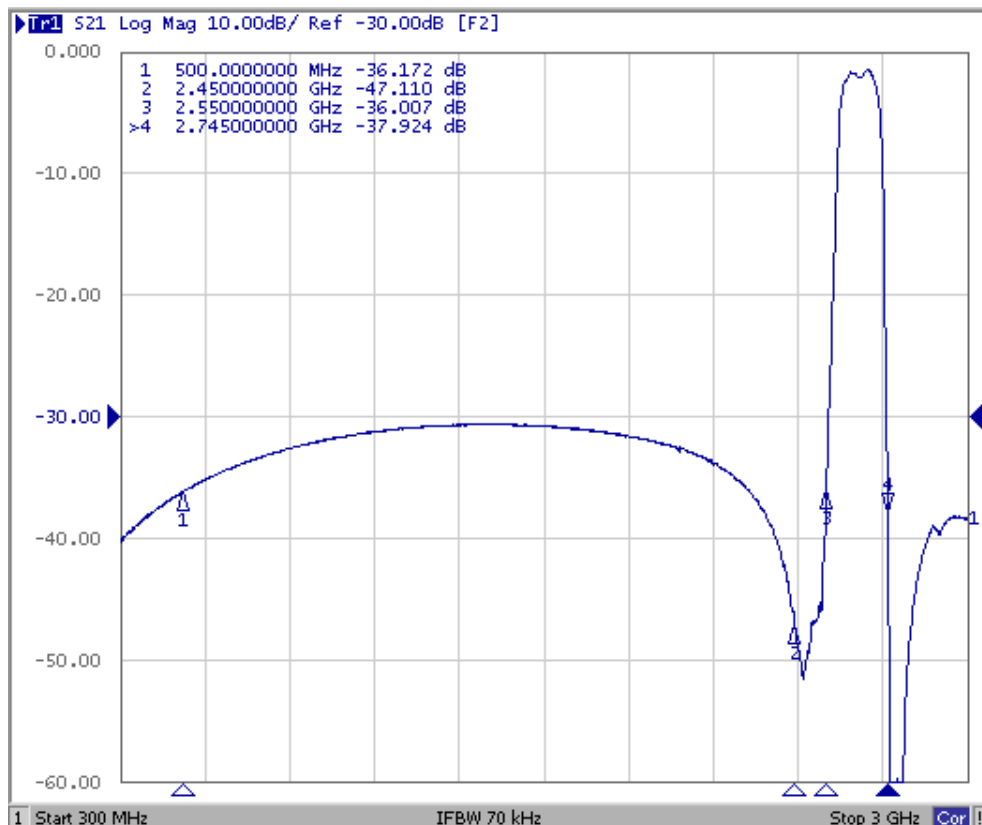
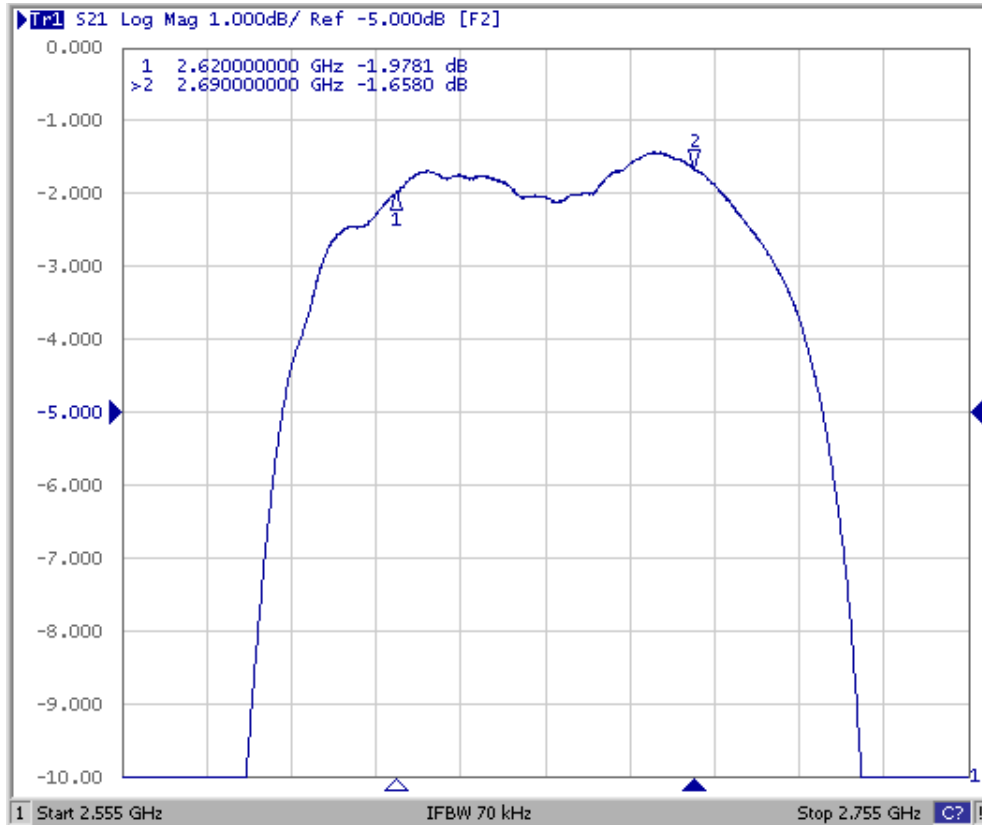
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

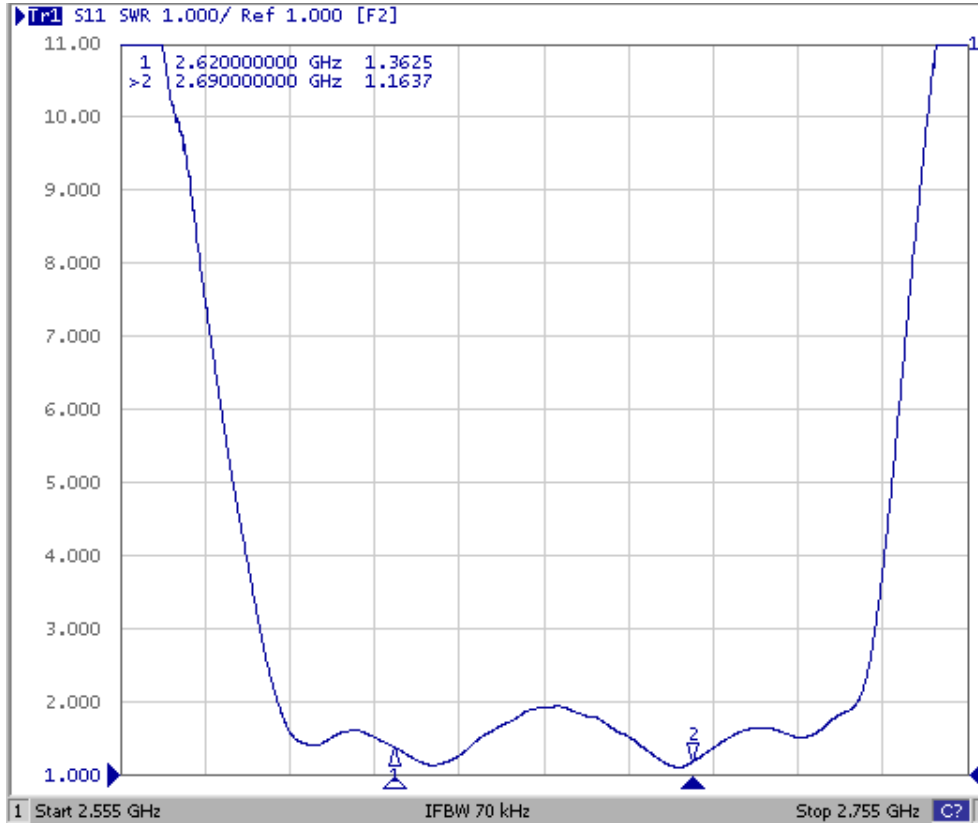


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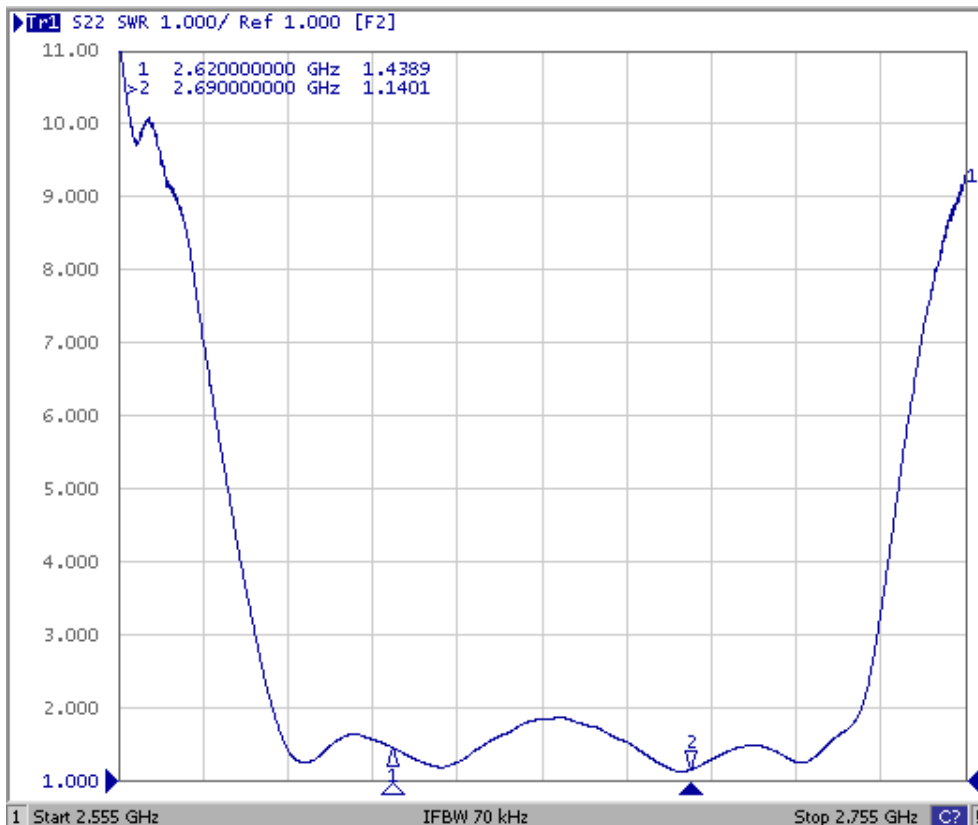
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Reflection Functions

S11



S22

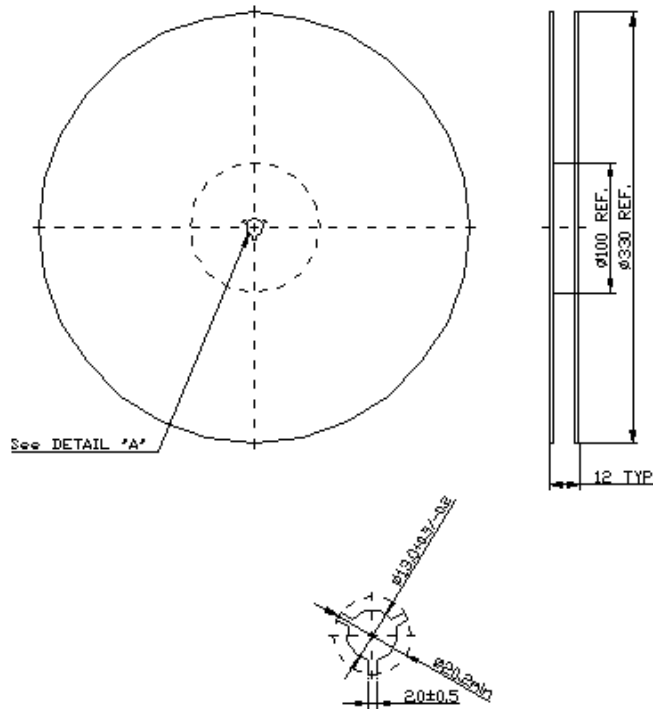


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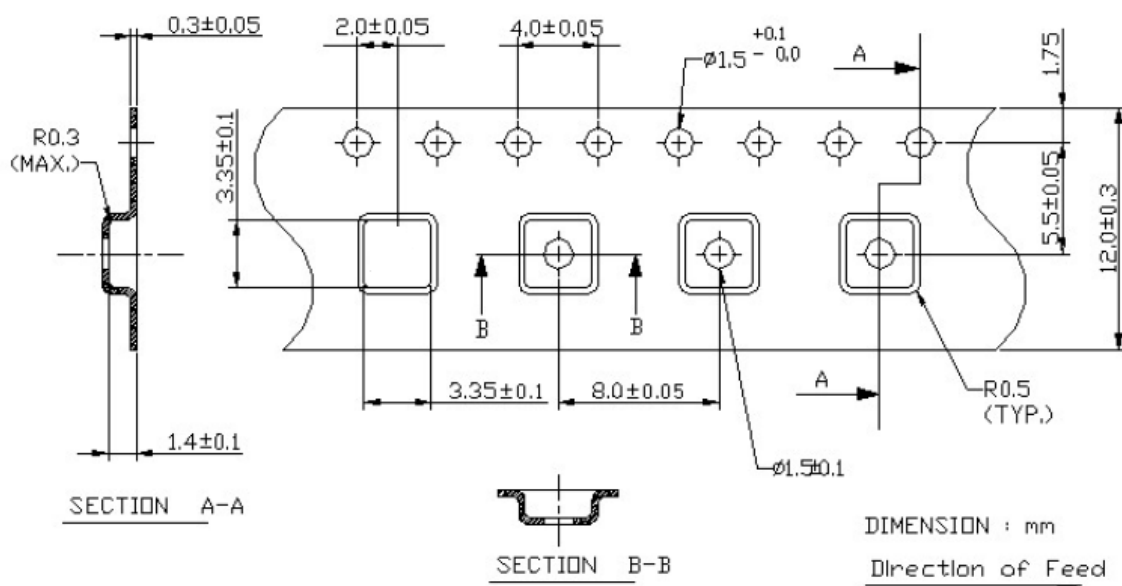
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE:

