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Eaglewood Park, ILMINSTER
Somerset, TA19 9DQ, UK

SAW Filter 670.0MHz — Model: TA1050A
Part No: MP03602 — Rev No: 1

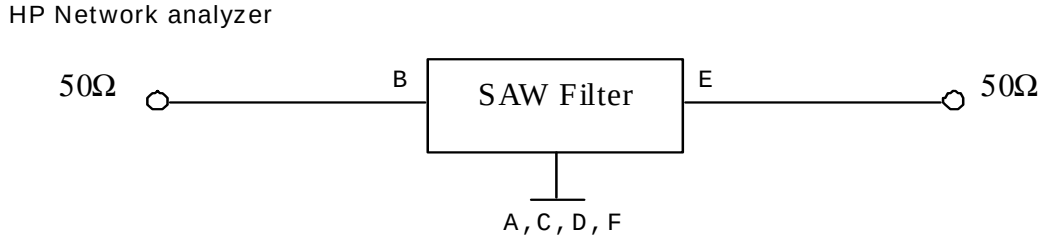
A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: 0℃ to +50℃
4. Storage Temperature: -30℃ to +85℃

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center Frequency Fc	MHz	-	670	-
Insertion Loss at Center Frequency IL c	dB	-	1.7	2.2
Insertion Loss (660 ~ 680MHz)	dB	-	2.3	4
Amplitude Ripple (660 ~ 680MHz)	dB	-	0.8	2
Bandwidth @ -2dB	MHz	20	29	-
VSWR at Center Frequency	-	-	1.4	2
Attenuation (Reference level from 0dB)				
DC ~ 608MHz	dB	50	60	-
608 ~ 614MHz	dB	30	60	-
726 ~ 732MHz	dB	30	51	-
1278 ~ 1402MHz	dB	40	54	-
1948 ~ 2072MHz	dB	35	38	-

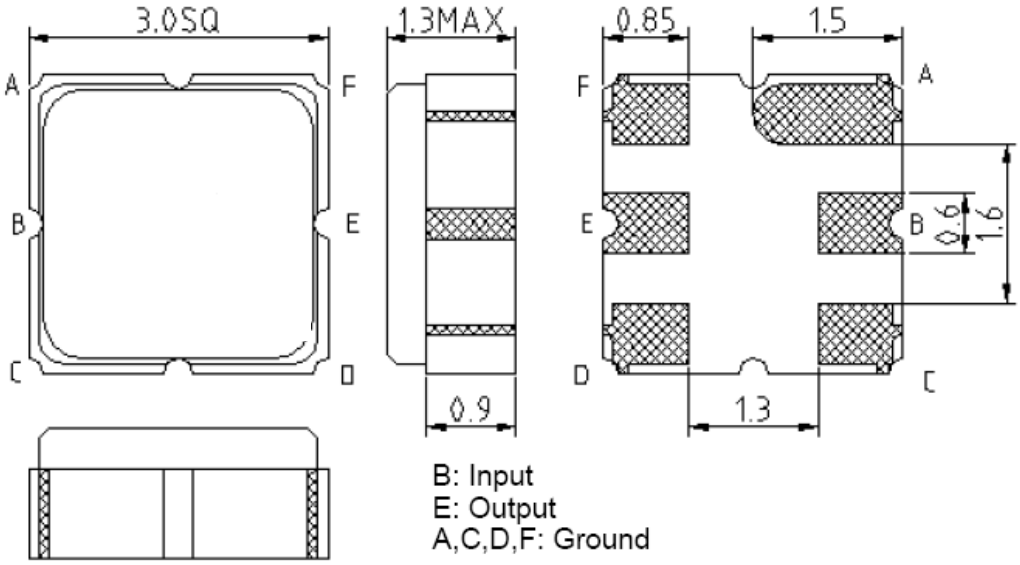
C. MEASUREMENT CIRCUIT:



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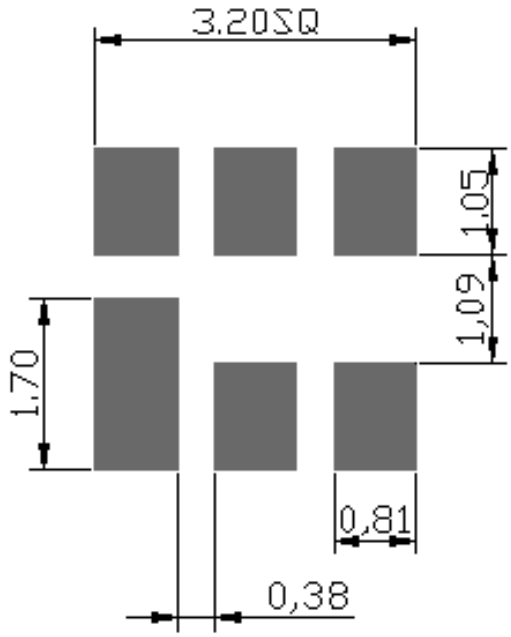
D. OUTLINE DRAWING:



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

Unit: mm

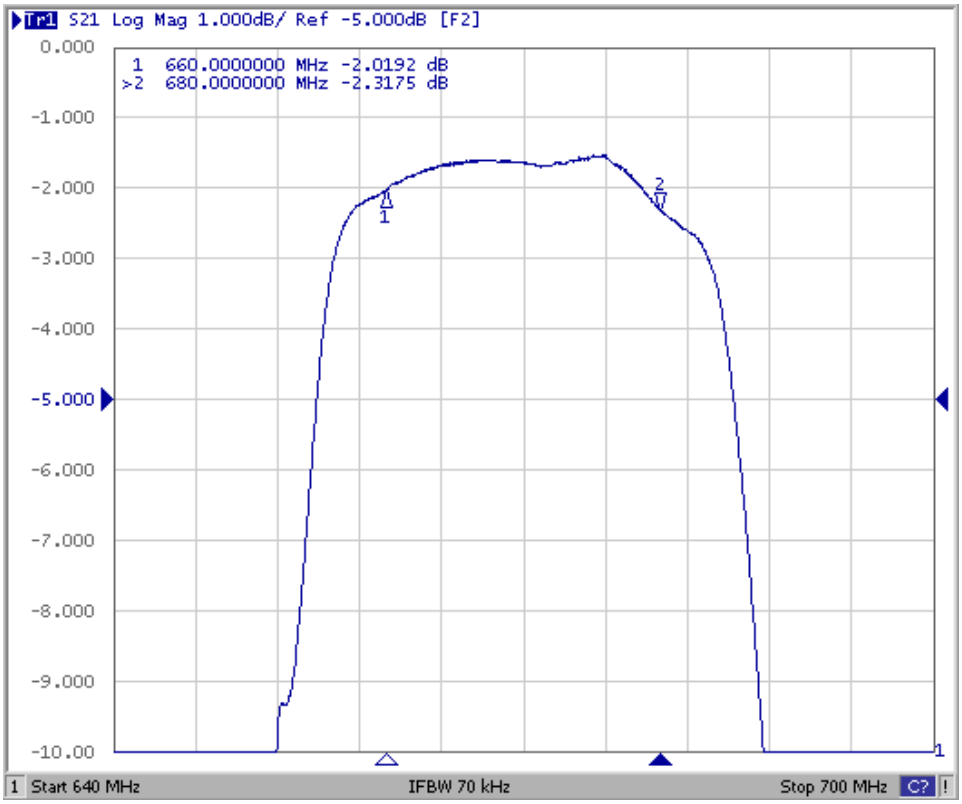
E. PCB FOOTPRINT:

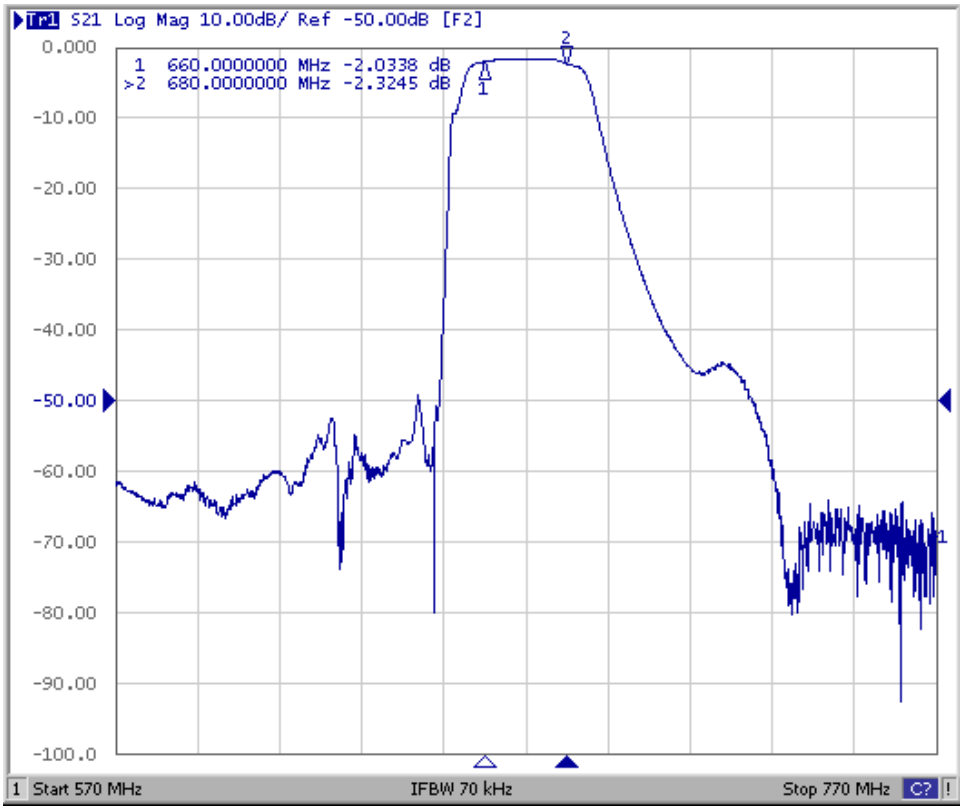


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F. FREQUENCY CHARACTERISTICS:



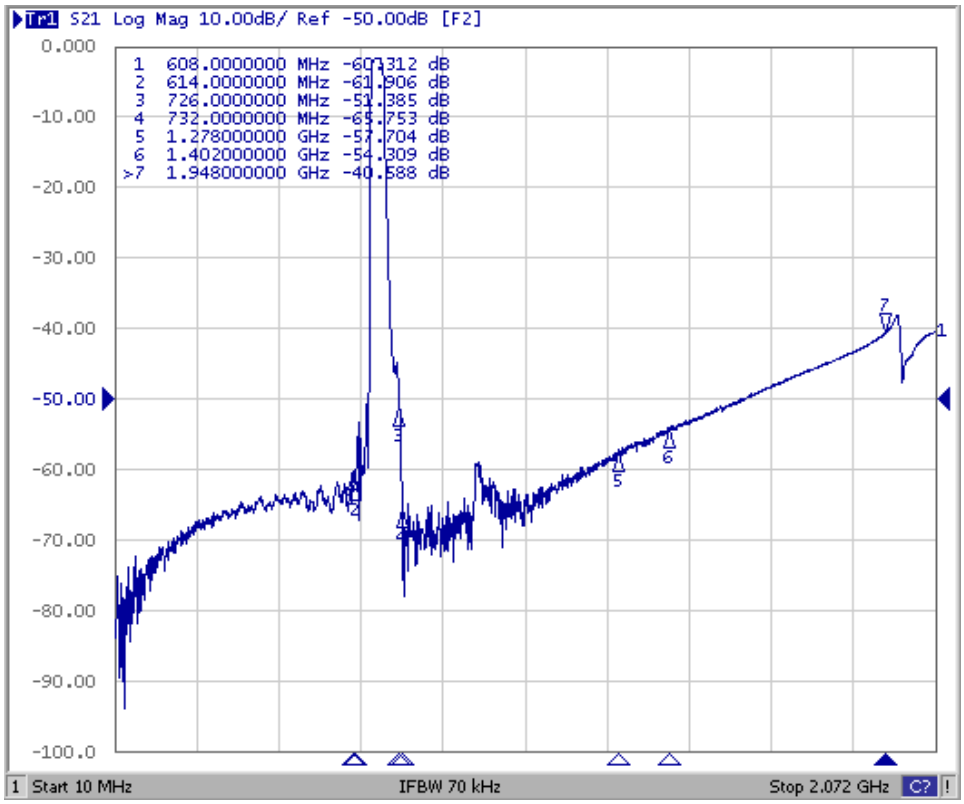


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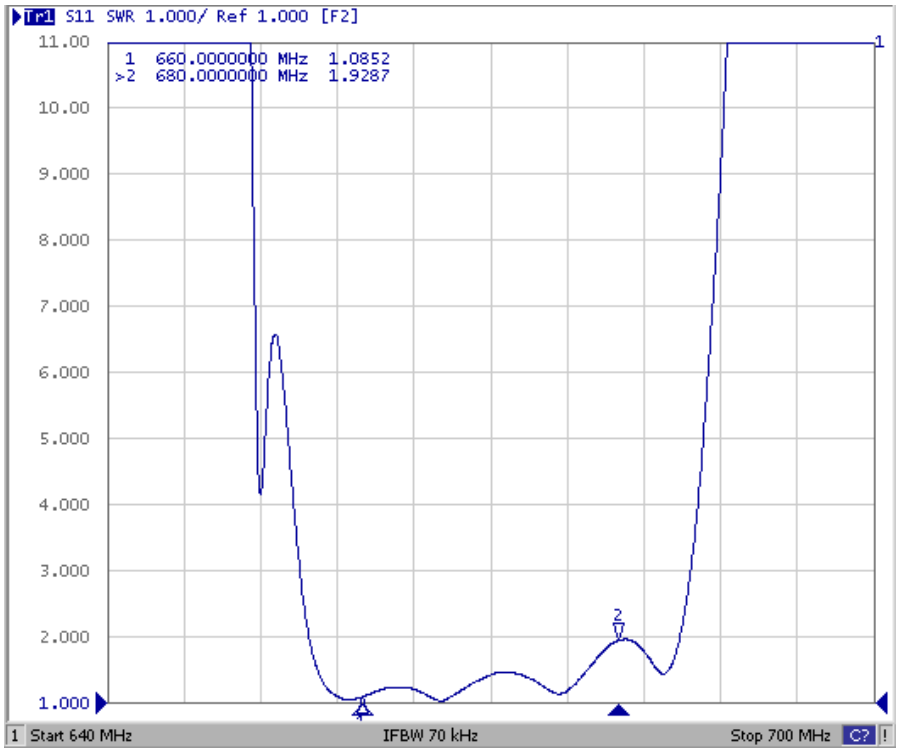
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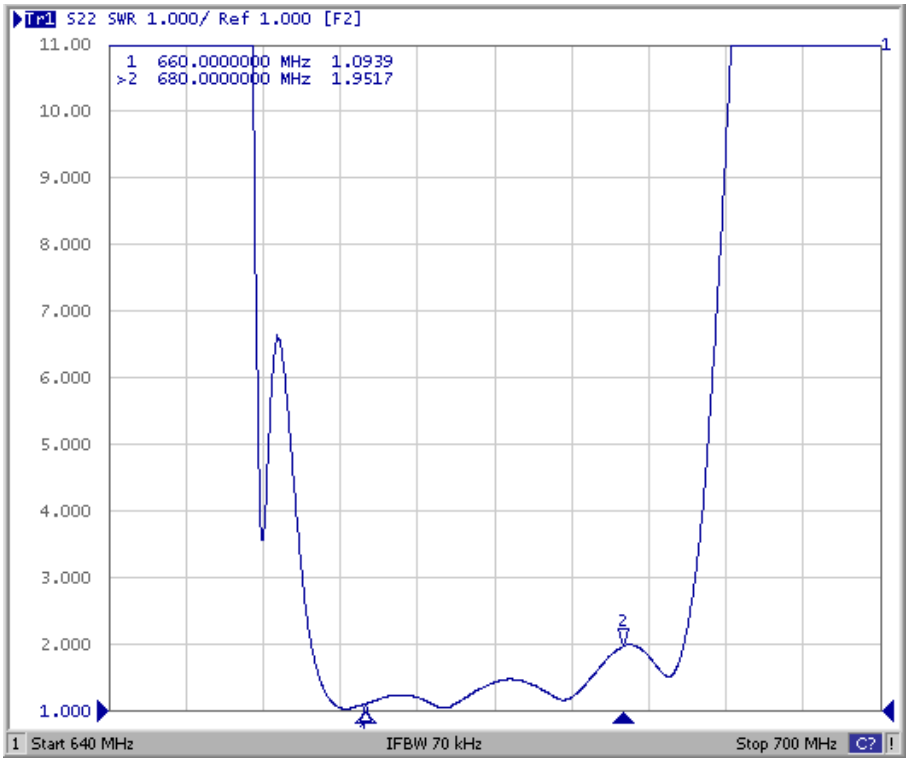
SAW Filter 670.0MHz — Model: TA1050A
Part No: MP03602 — Rev No: 1

Reflection Functions

S11



S22

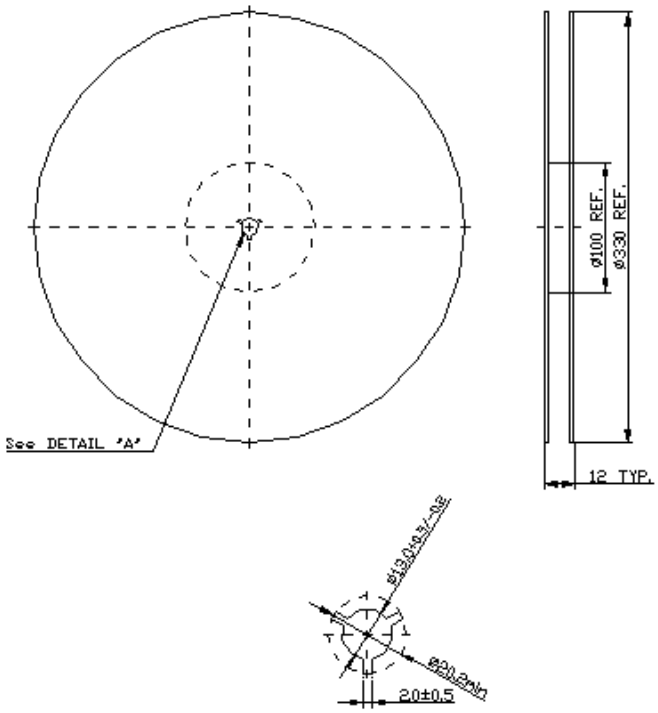


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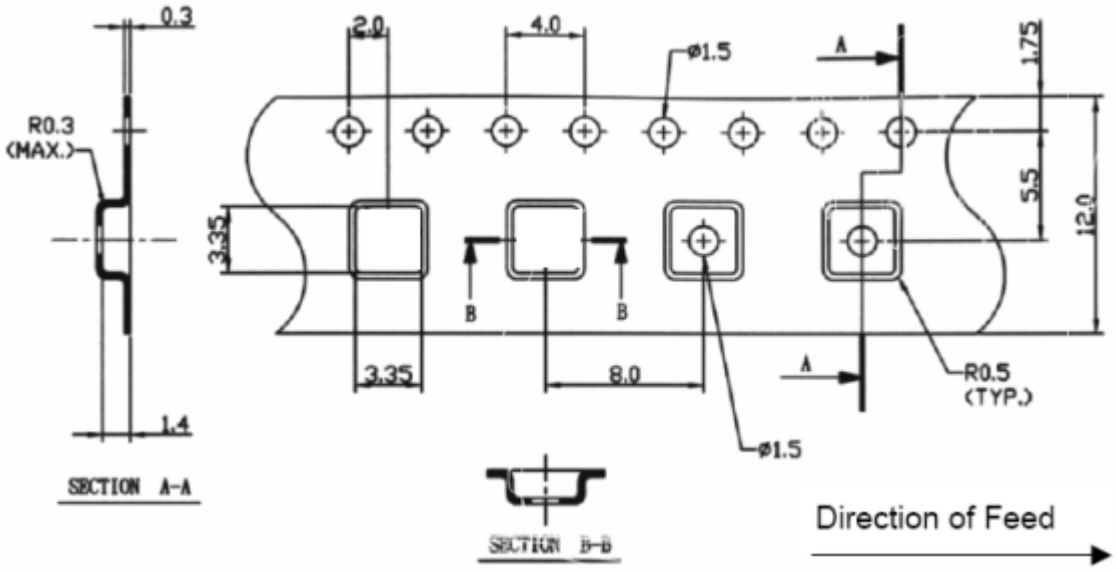
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE:

