

SAW Filter: 719.0MHz
Part No: MP05492

Model: TA0920A
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

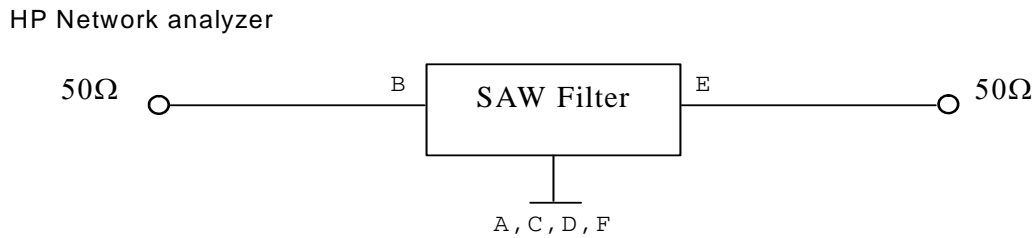
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	719	-	-
Min. Insertion loss (716.5 ~ 721.5MHz) IL	dB	-	2.1	3	-
Amplitude Ripple (716.5 ~ 721.5MHz)	dB	-	0.4	2	-
Return Loss (716.5 ~ 721.5MHz)	dB	10	15	-	-
Group Delay Ripple (716.5 ~ 721.5MHz)	ns	-	25	80	-
Attenuation (Reference level from 0dB)					
D.C ~ 690MHz	dB	40	54	-	-
690 ~ 704MHz	dB	35	41	-	-
734 ~ 750MHz	dB	27	37	-	-
750 ~ 824MHz	dB	37	53	-	-
824 ~ 960MHz	dB	45	52	-	-
960 ~ 2500MHz	dB	20	35	-	-
Temperature coefficient of frequency TCf	-36 ppm / °C				

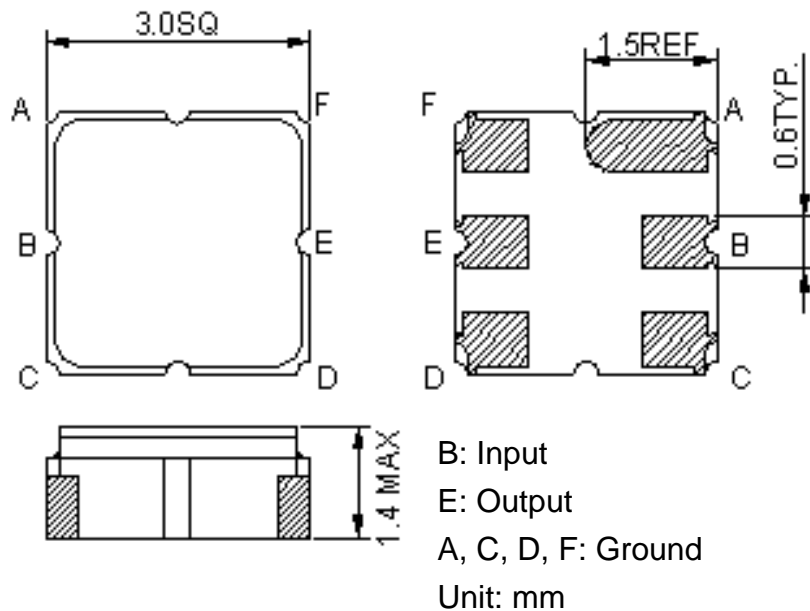
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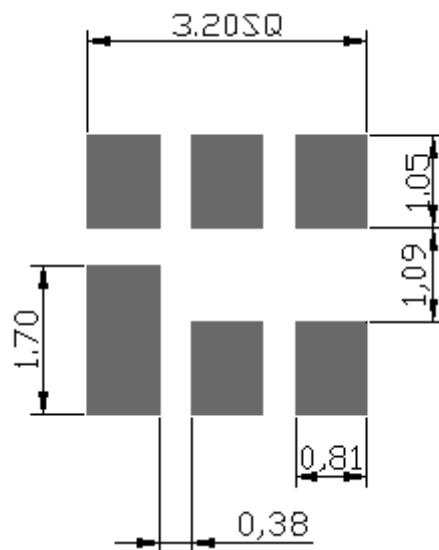
C. MEASUREMENT CIRCUIT:



D. OUTLINE DRAWING:



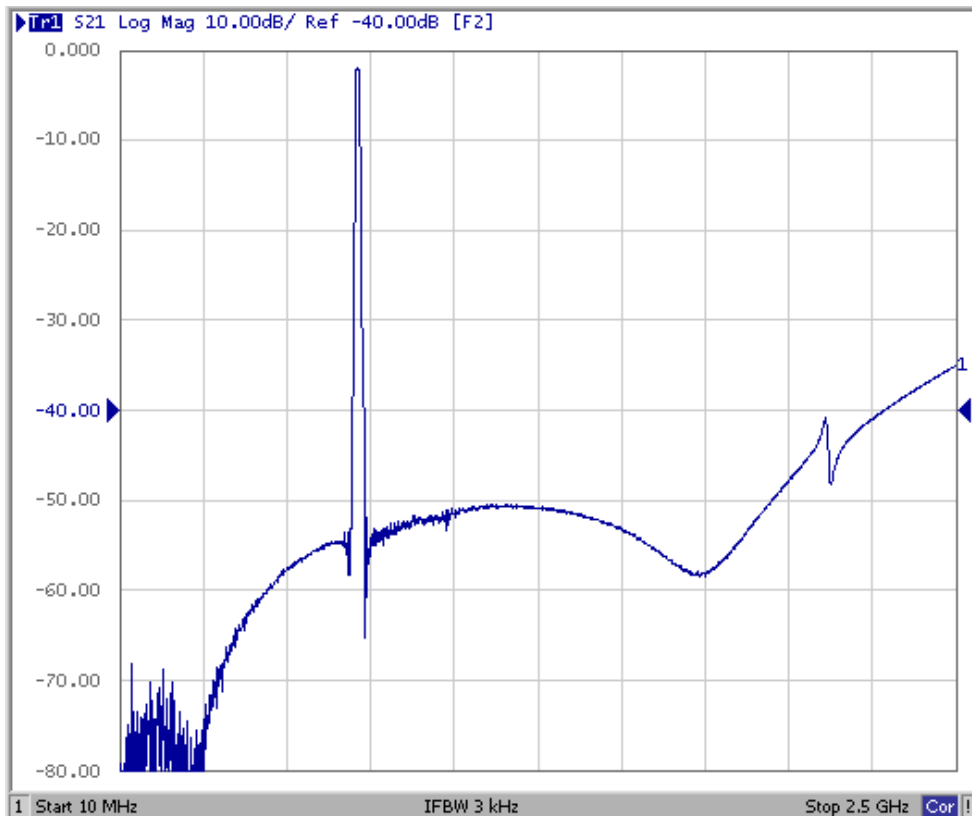
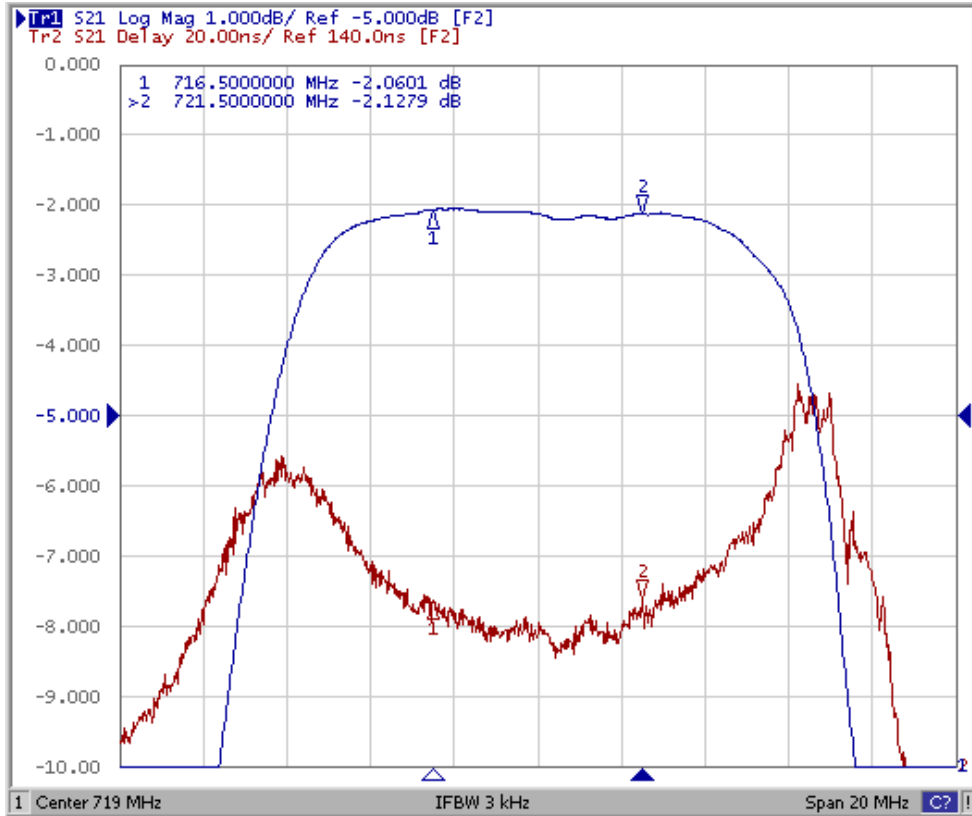
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

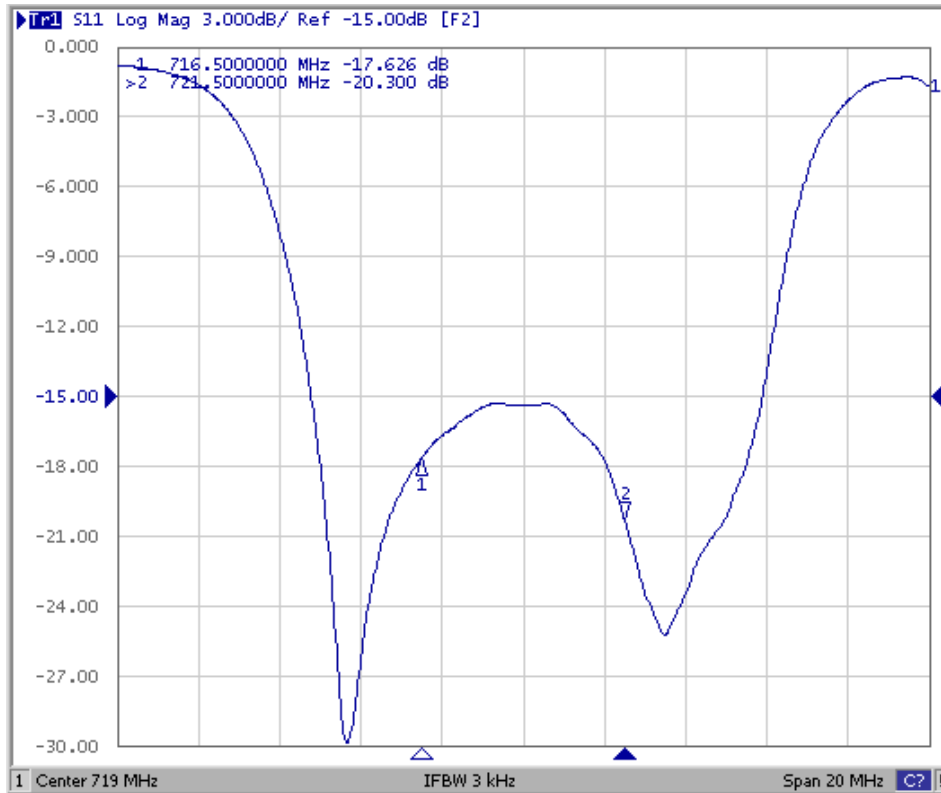


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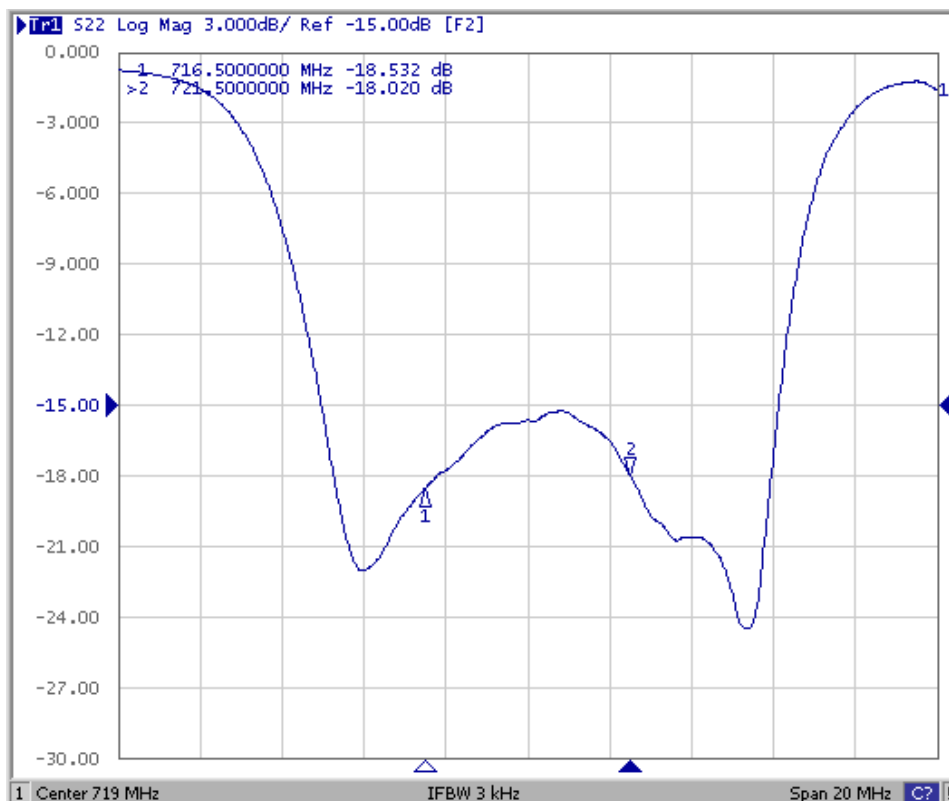
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Reflection Functions

S11



S22



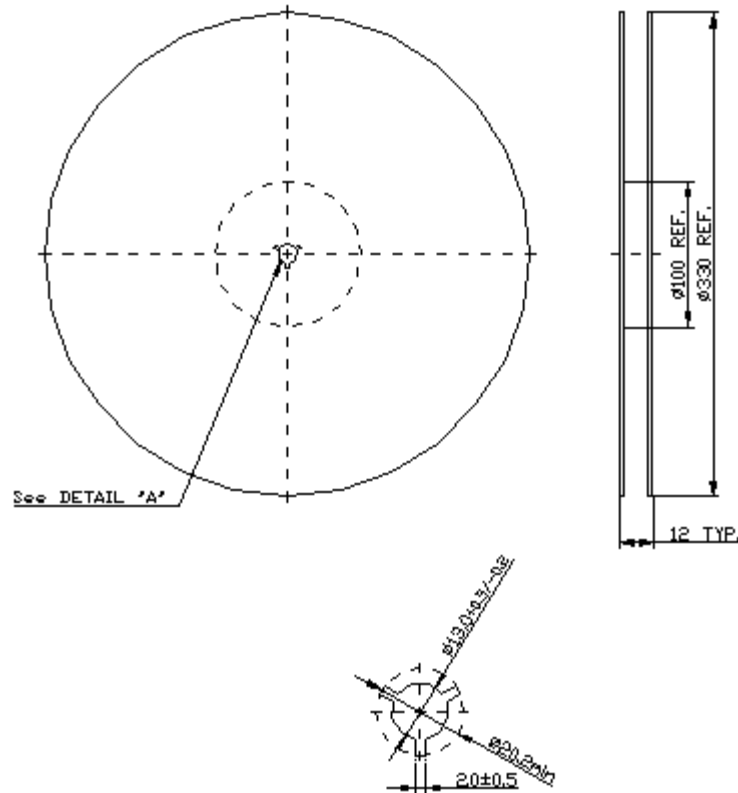
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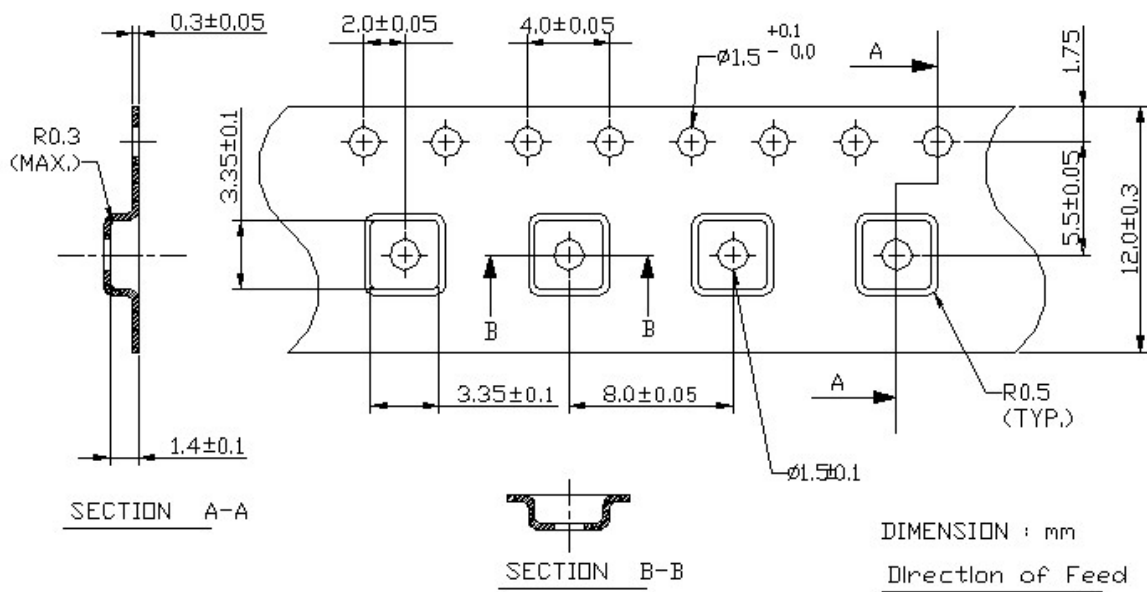
G. PACKING:

1. Reel Dimension

(Reel Count: 7" = 1000; 13" = 3000)



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

