

SAW Filter 1645.0MHz
Part No: MP02328

Model: TA0789A
Rev No: 1

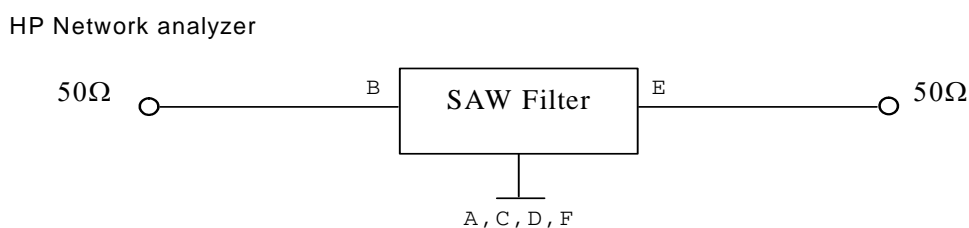
A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS: (Ambient temperature: 25°C)

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1645	-	-
Min. Insertion Loss IL	dB	-	4	5	-
Amplitude Ripple (1635.5 ~ 1654.5MHz)	dB	-	1	2	-
VSWR (1635.5 ~ 1654.5MHz)		-	2	2.3	-
Group Delay Variation (1635.5 ~ 1654.5MHz)	ns	-	5	12	
Attenuation (Reference level from 0dB)					
10 ~ 1580MHz	dB	35	52	-	-
1700 ~ 3000MHz	dB	35	46	-	-
Temperature Coefficient of Frequency	-36 ppm/°C				

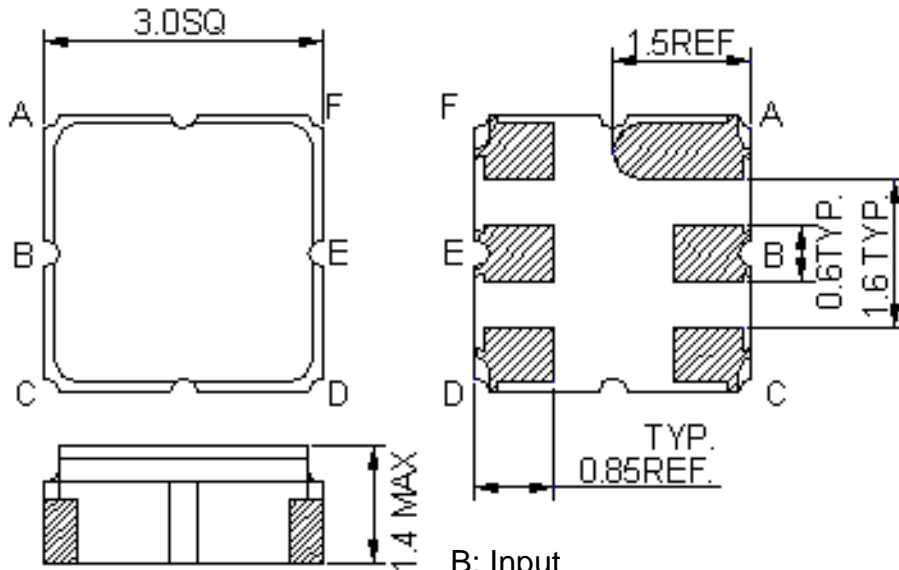
C. MEASUREMENT CIRCUIT:



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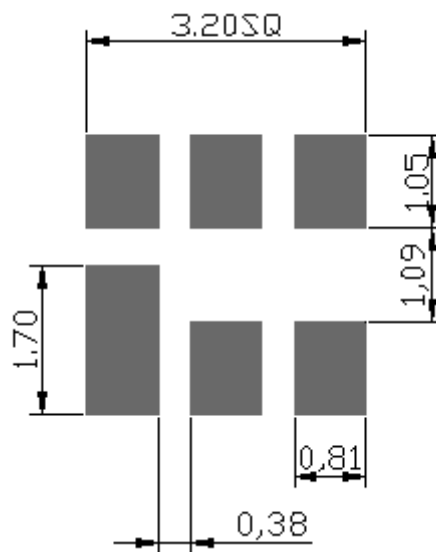
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D. OUTLINE DRAWING:



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

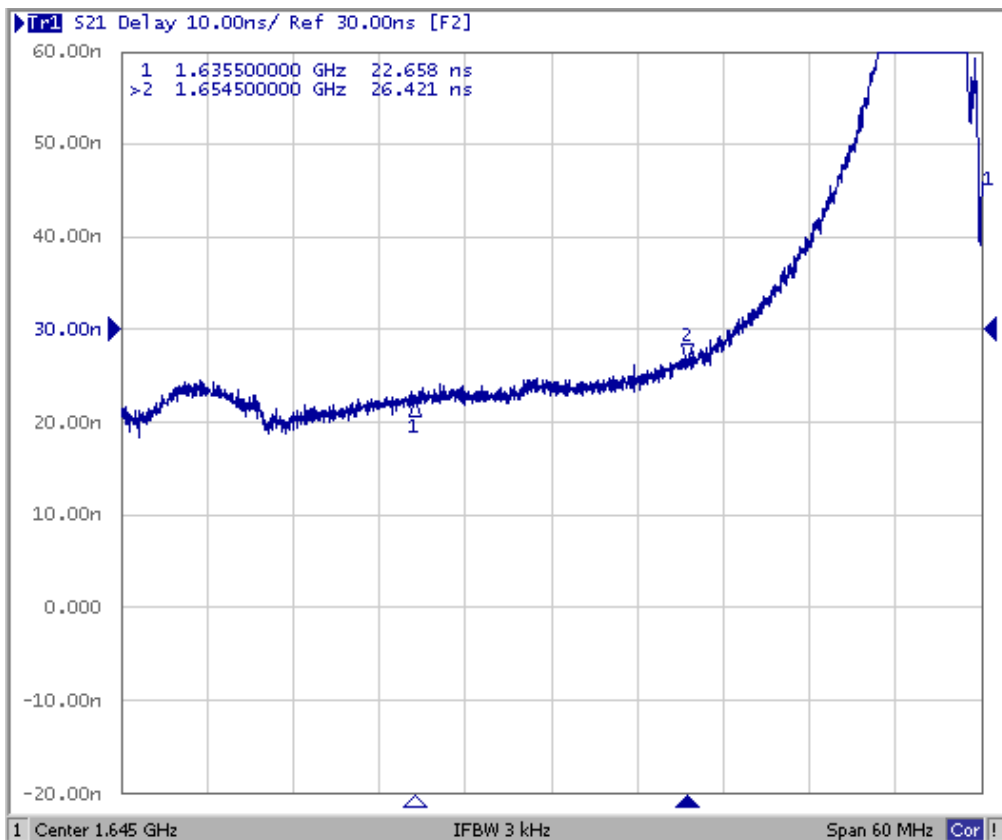
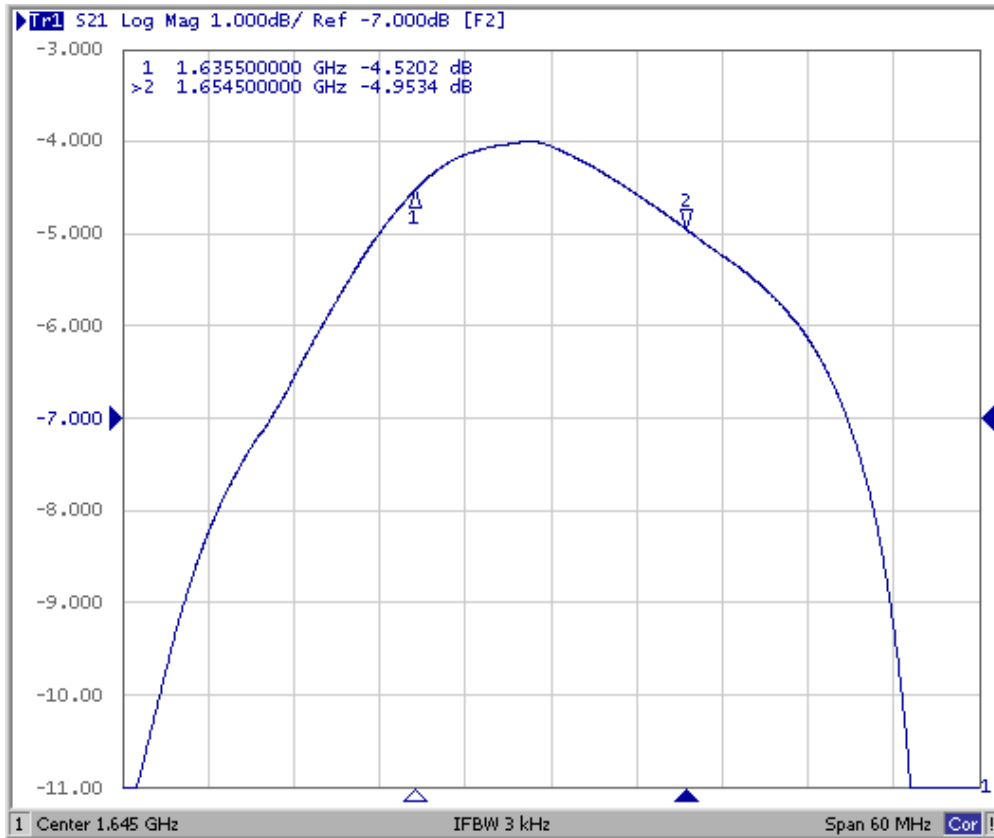
E. PCB FOOTPRINT:



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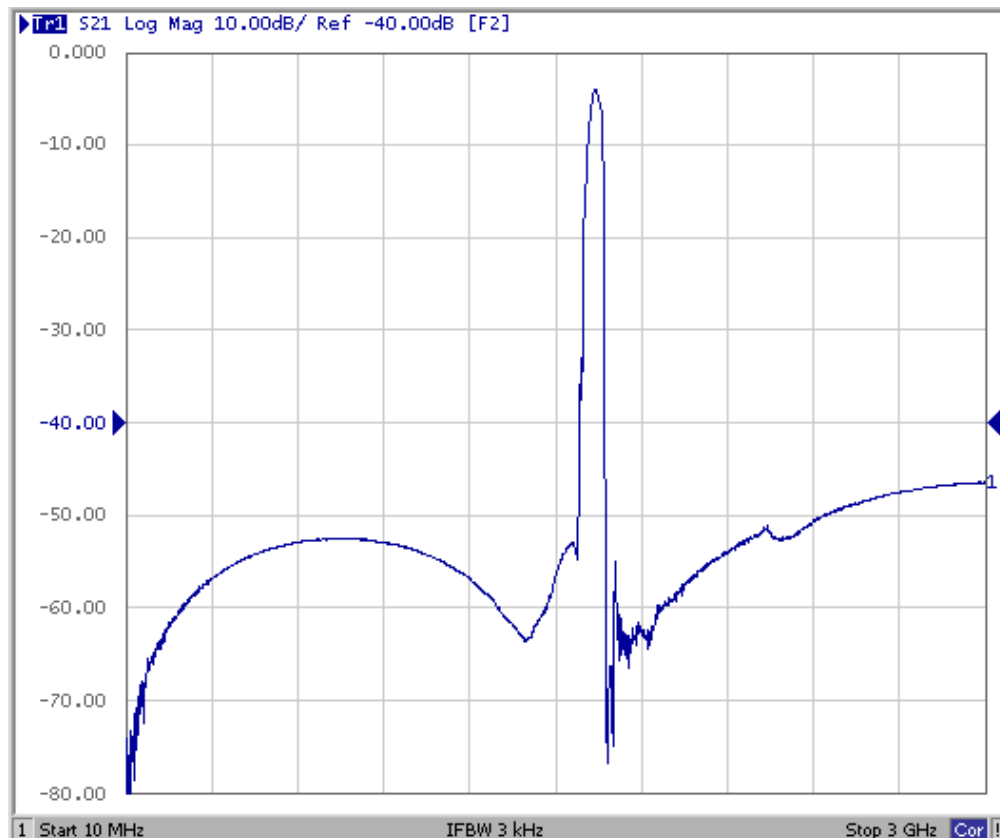
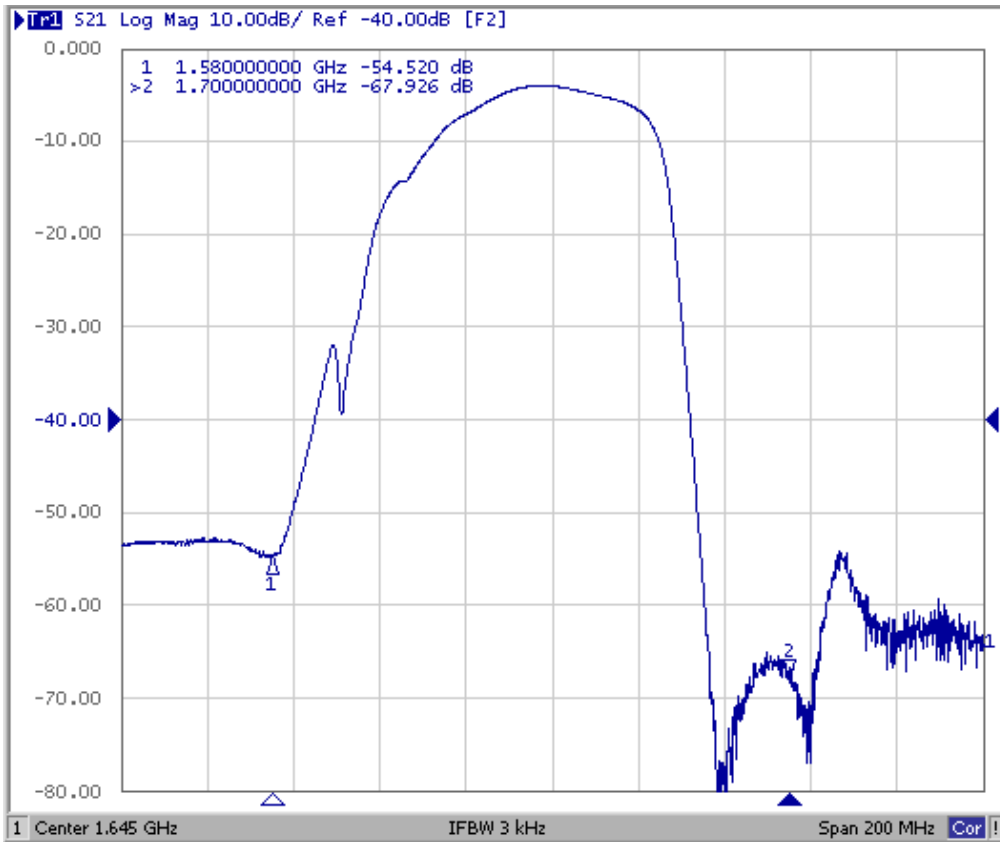
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F. FREQUENCY CHARACTERISTICS:



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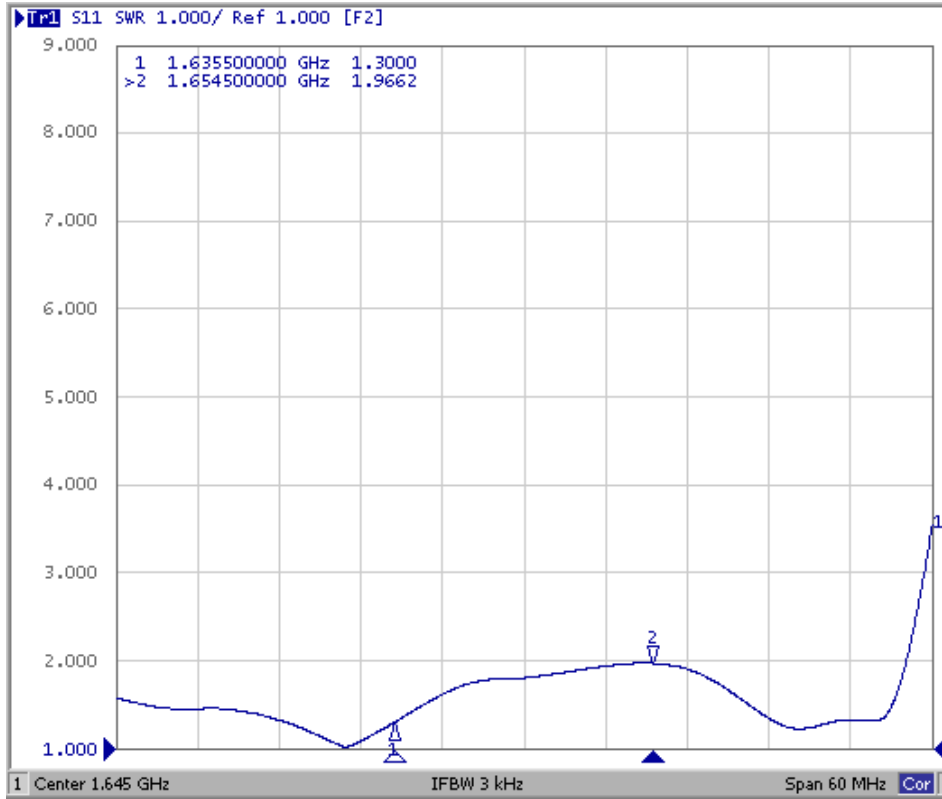


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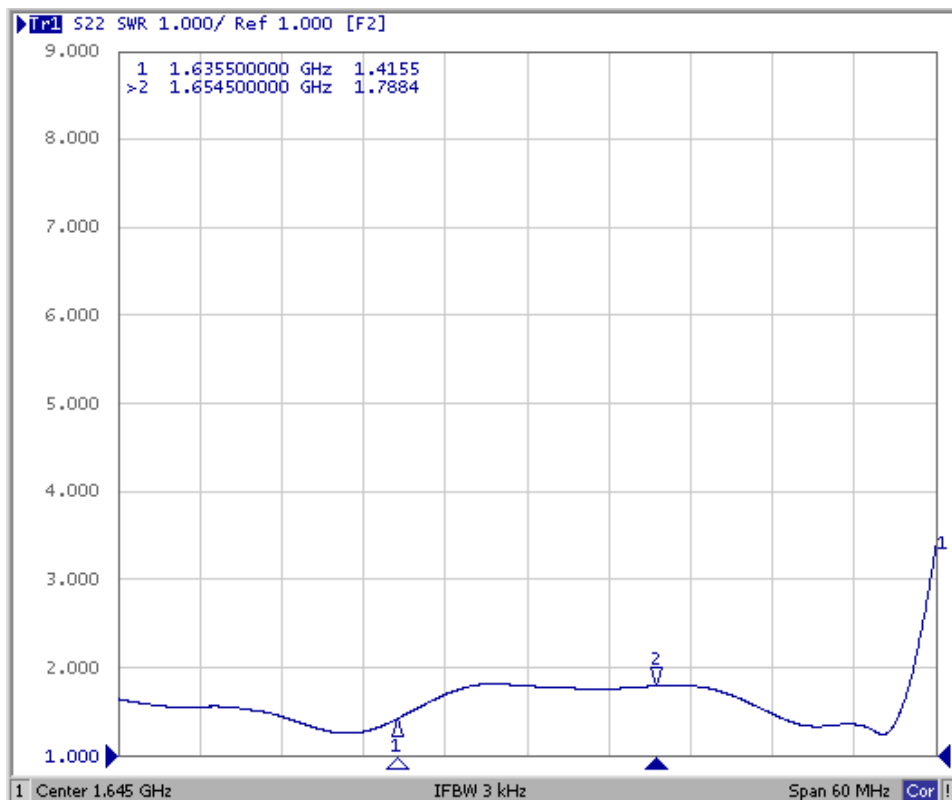
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Reflection Functions

S11



S22

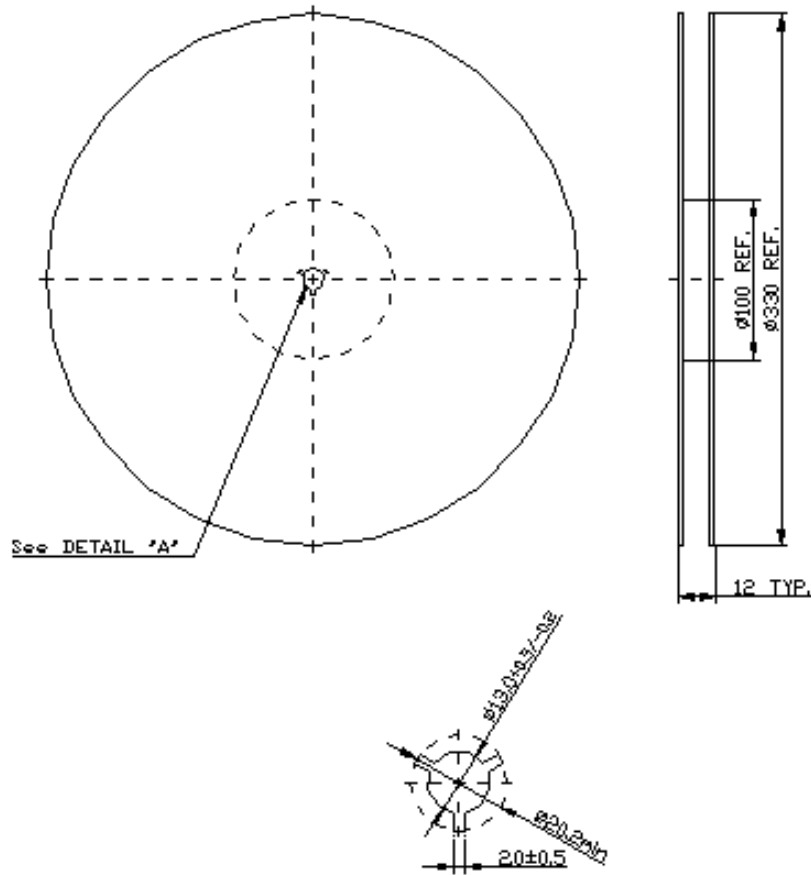


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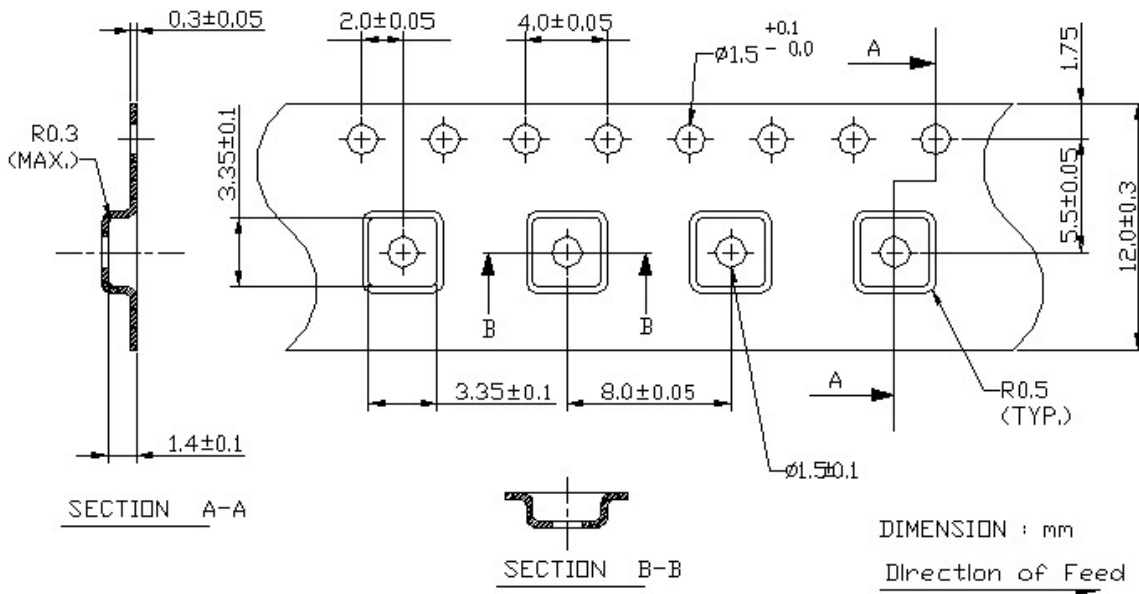
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G. PACKING:

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



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

