

1575.0MHz SAW Filter
Part No: MP01027

Model: TA1575LL
Rev No: 4

A. MAXIMUM RATING:

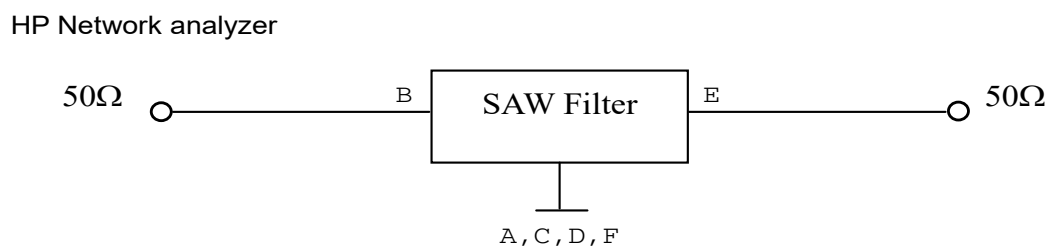
1. Input Power Level: 30dBm (*)
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -30°C to +85°C
5. Moisture Sensitive Level (MSL): Level 1

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1575	-	-
Insertion Loss at 1575MHz IL	dB	-	1	1.3	-
Amplitude Ripple (1565 ~ 1585MHz)	dB	-	0.2	2	-
VSWR (1565 ~ 1585MHz)		-	1.25	2.0	-
Relative Attenuation (relative to 0dB)					
D.C. ~ 600MHz	dB	12	17	-	-
600 ~ 1475MHz	dB	10	21	-	-
1625 ~ 1650MHz	dB	14	24	-	-
1650 ~ 3000MHz	dB	10	17.5	-	-

(*): Power input period is 10 sec

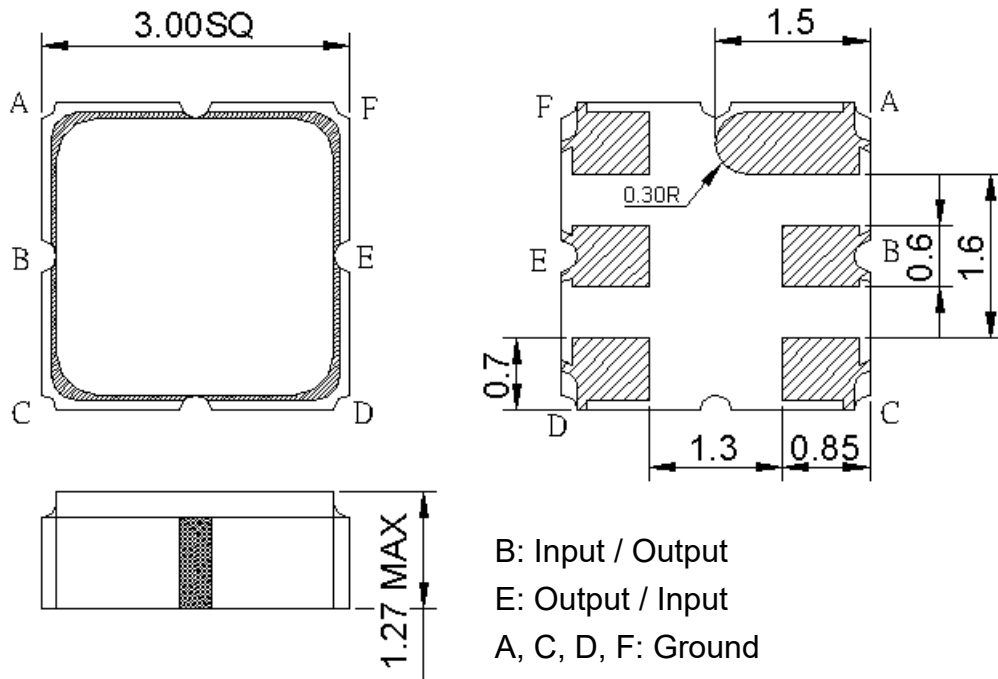
C. MEASUREMENT CIRCUIT:



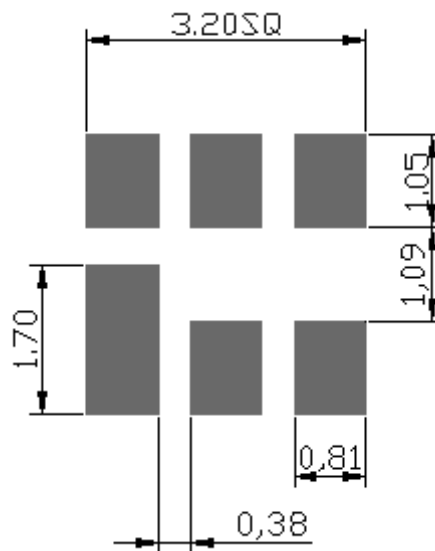
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D. OUTLINE DRAWING:



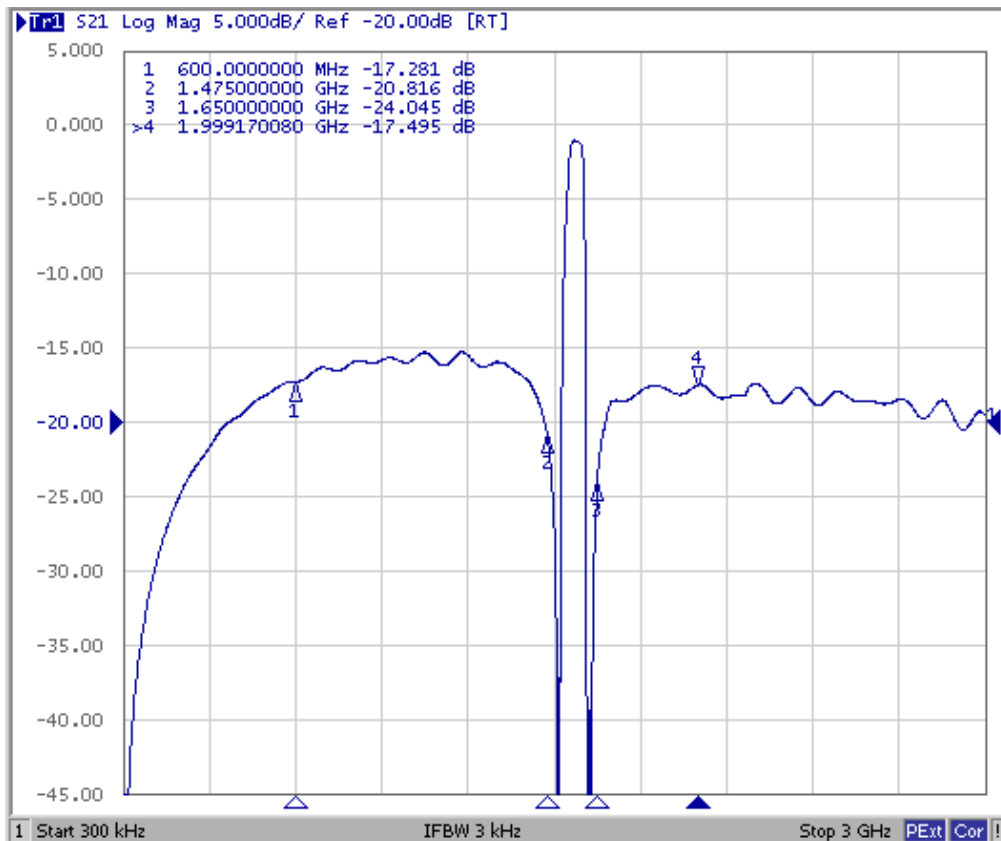
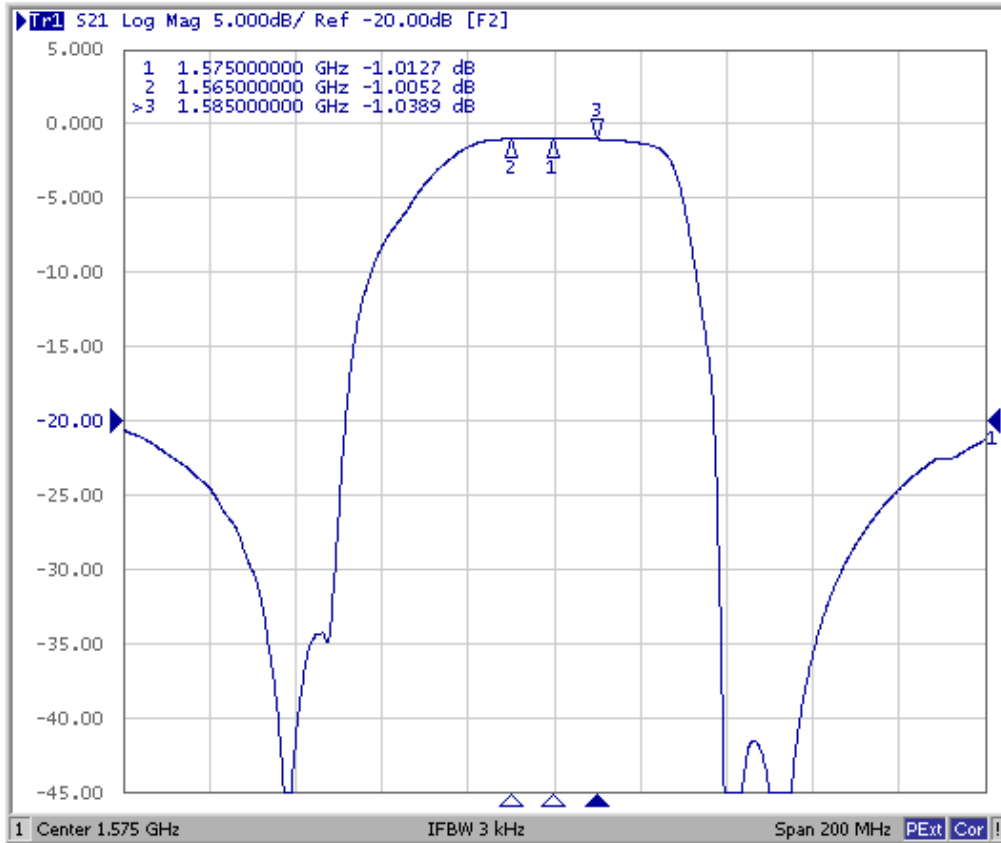
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

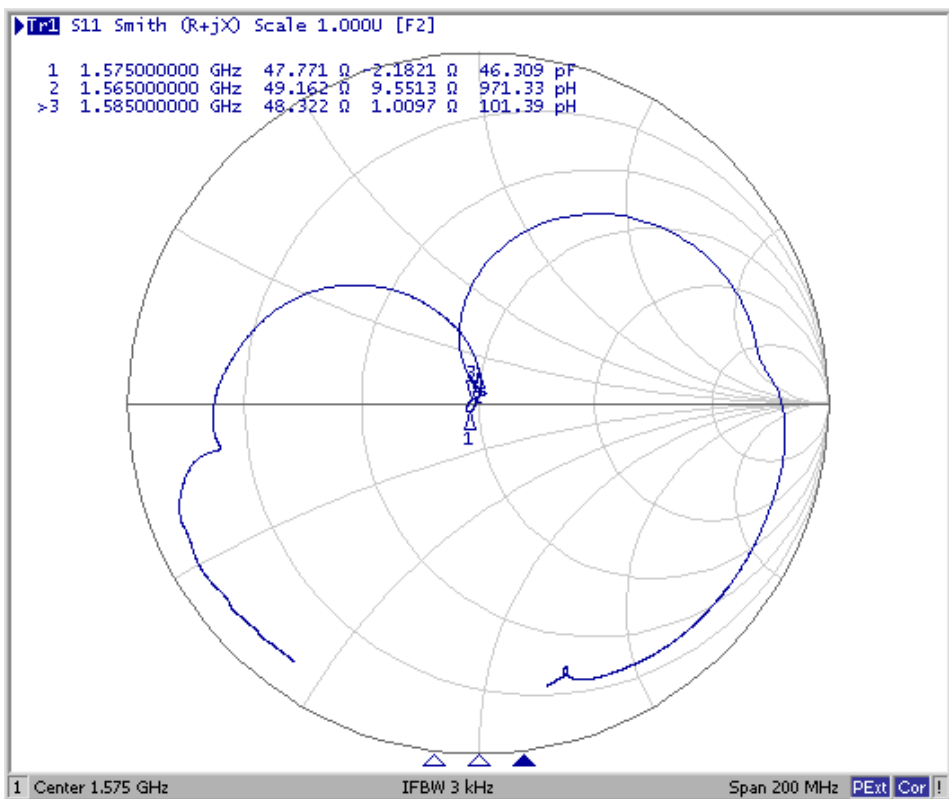
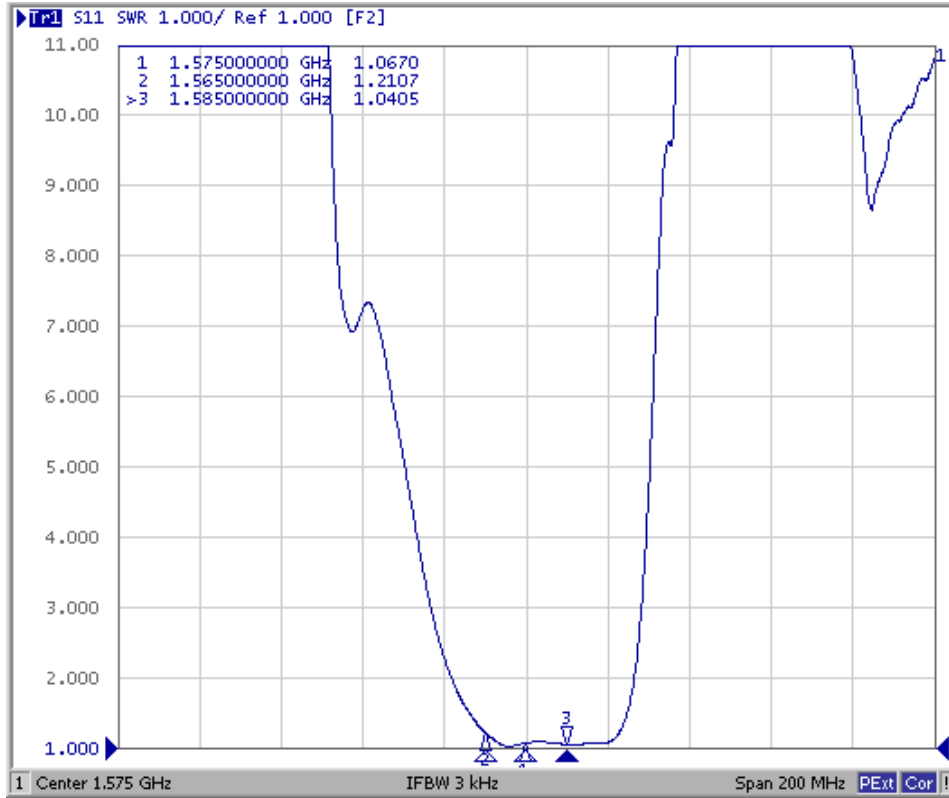


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Reflections Functions

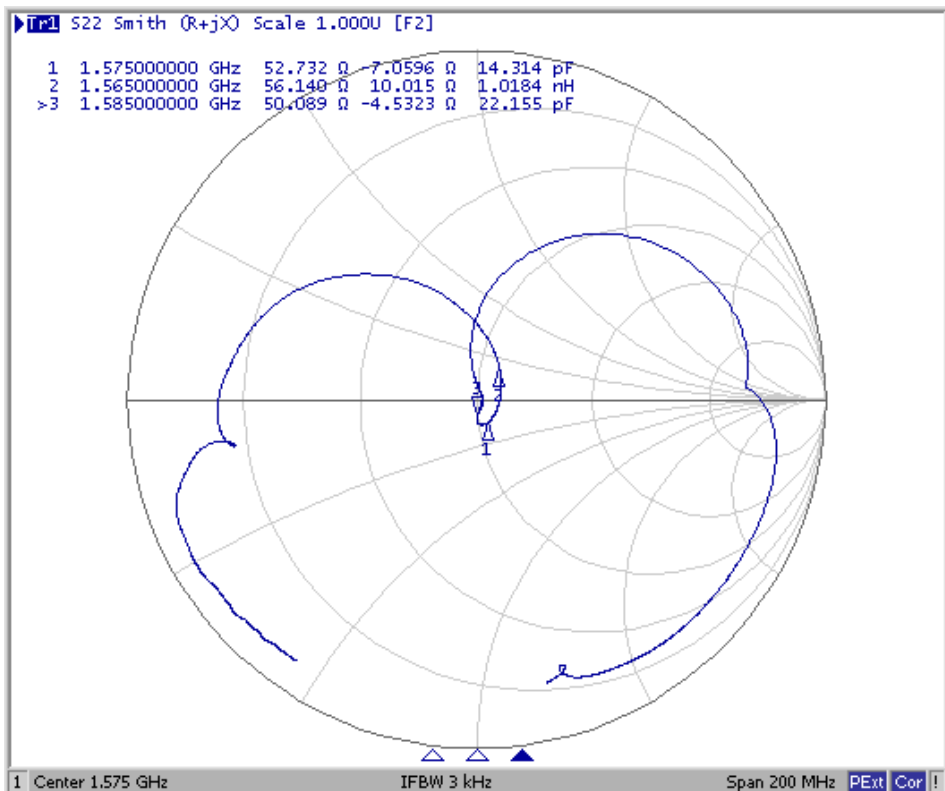
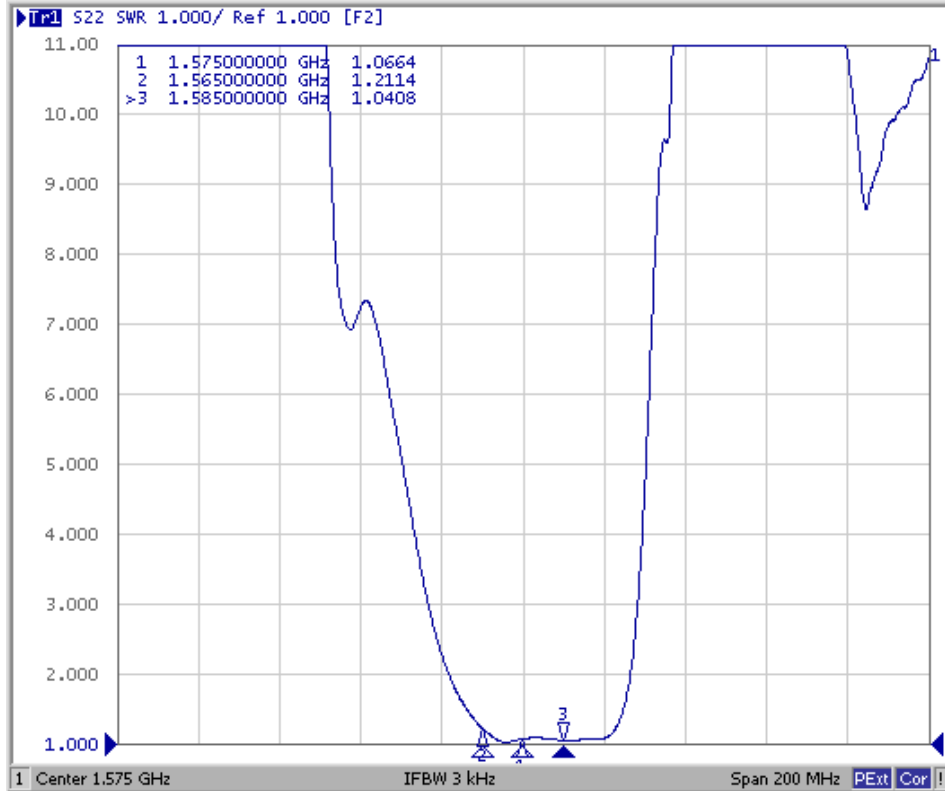
S11 VSWR



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S22 VSWR

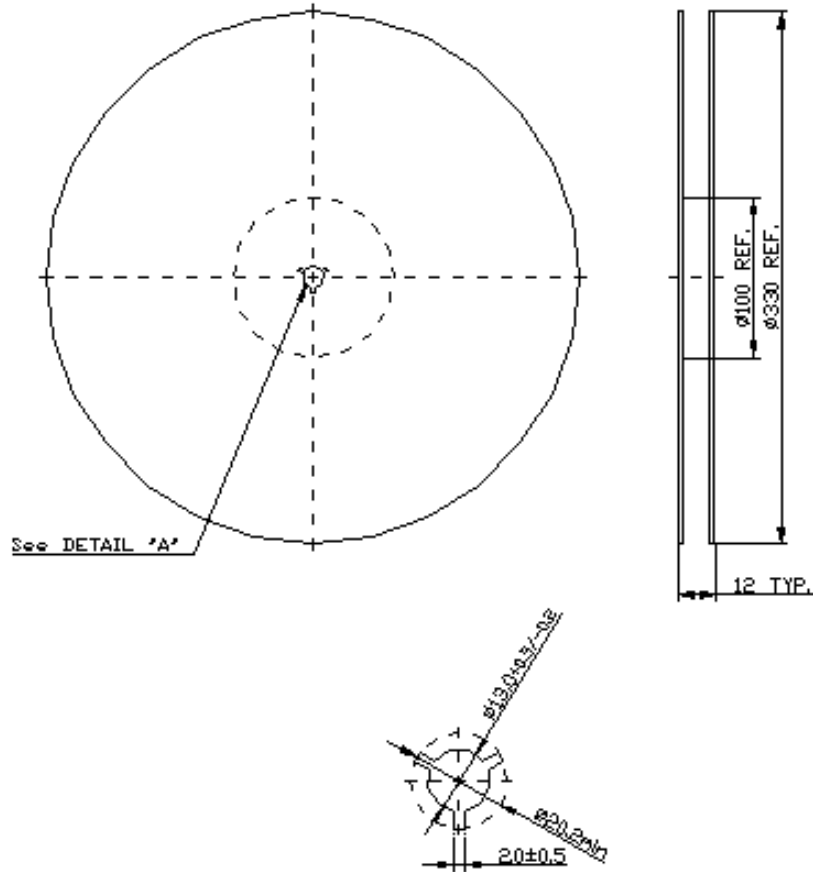


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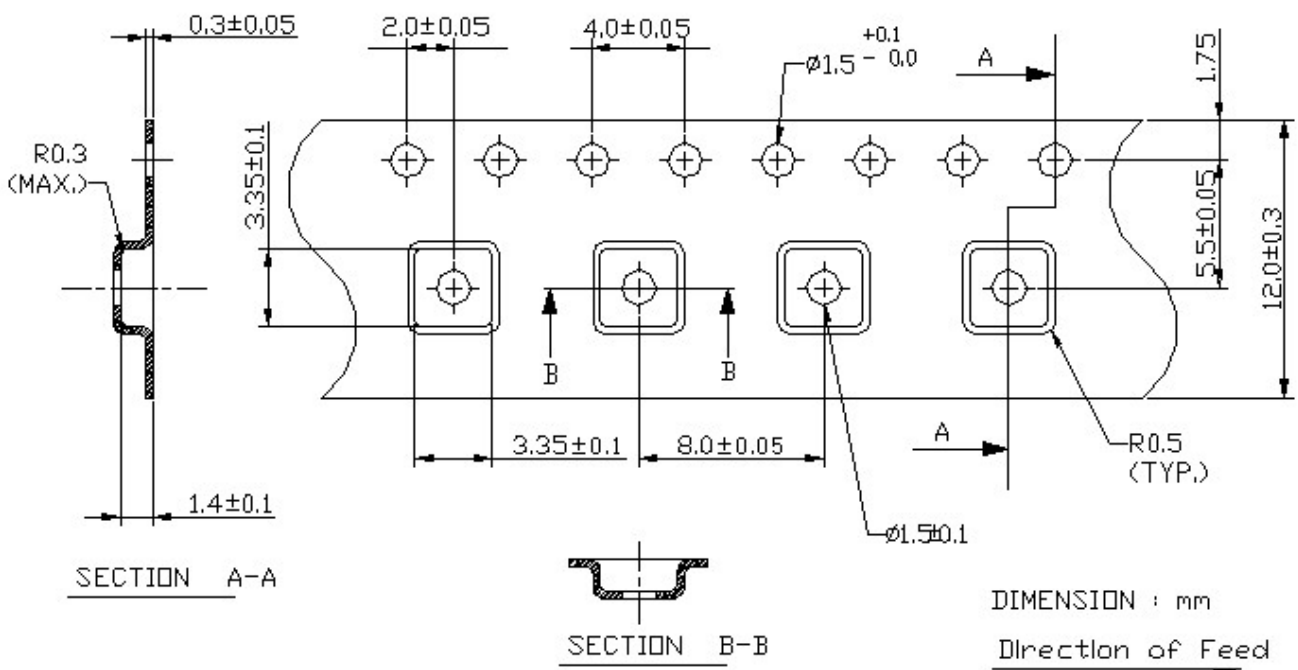
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G. PACKING:

1. Reel Dimensions



2. Tape Dimensions



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H. RECOMMENDED REFLOW PROFILE:

