

**SAW Filter 345.0MHz**

**Model: TA1717A**

**Part No: MP07235**

**Rev No: 1**

**A. MAXIMUM RATING:**

Electrostatic Sensitive Device (ESD)

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -40°C to +125°C
4. Storage Temperature: -40°C to +125°C

**B. ELECTRICAL CHARACTERISTICS:**

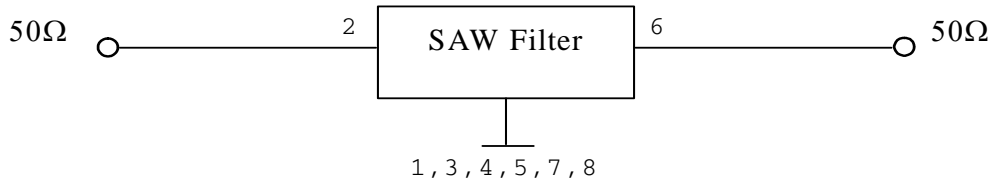
Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	345	-
Insertion Loss (344.6 ~ 345.4MHz) IL	dB	-	2.3	3.3
Amplitude ripple (344.6 ~ 345.4MHz)	dB	-	0.4	1.3
Attenuation (Reference level from 0)				
10 ~ 320MHz	dB	50	60	-
320 ~ 325MHz	dB	50	55	
325 ~ 337MHz	dB	40	45	
337 ~ 339MHz	dB	40	45	
351 ~ 358MHz	dB	13	20	
358 ~ 370MHz	dB	35	40	-
370 ~ 700MHz	dB	47	52	-
700 ~ 1000MHz	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C	-	-30	-

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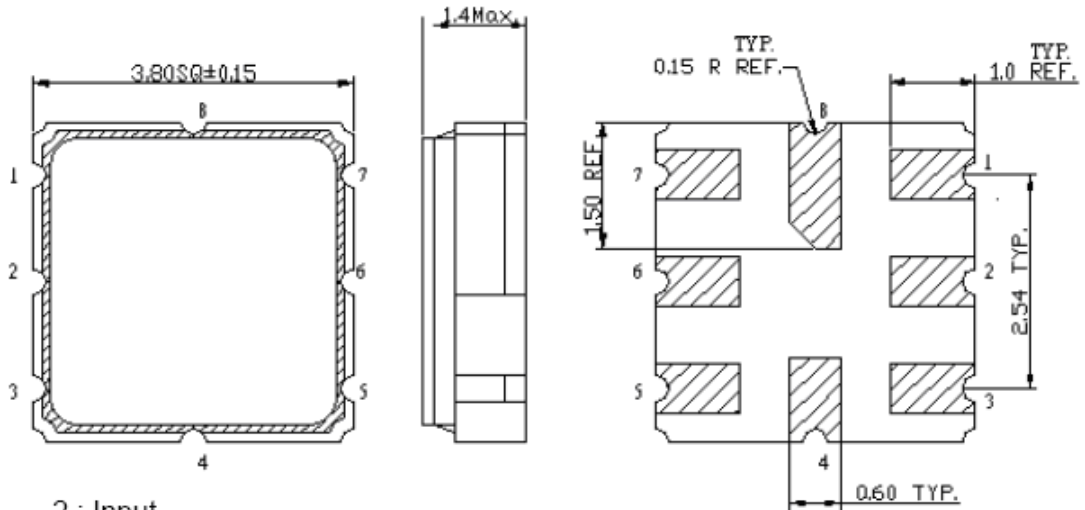
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**C. MEASUREMENT CIRCUIT:**

HP Network analyzer

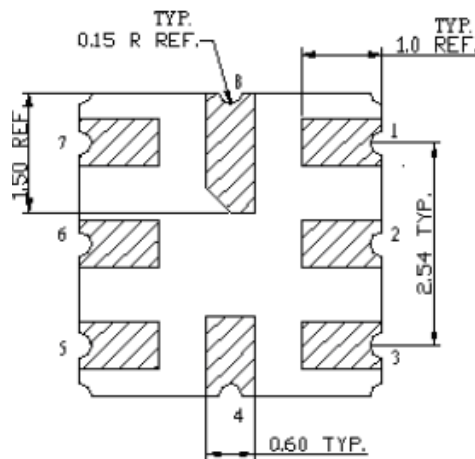


**D. OUTLINE DRAWING:**



2 : Input  
 6: Output  
 1,3,4,5,7,8: Ground

**E. PCB FOOTPRINT:**

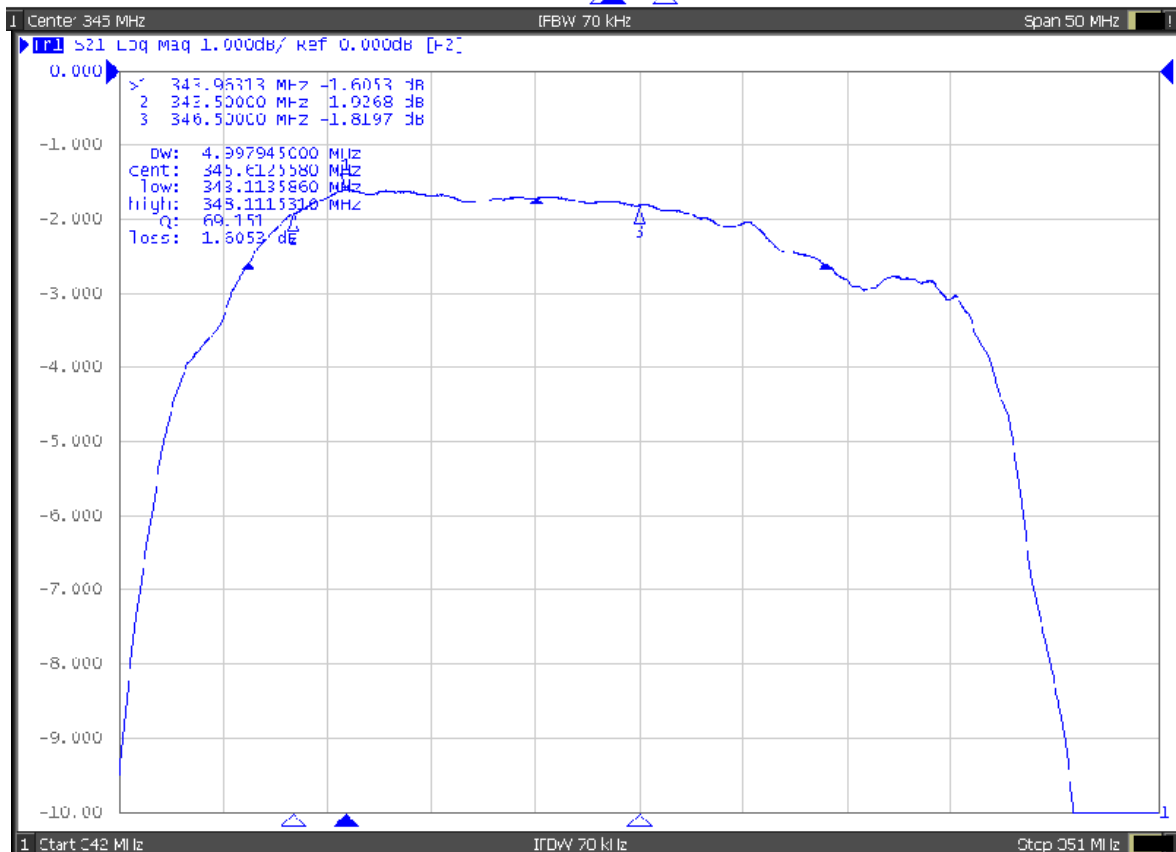
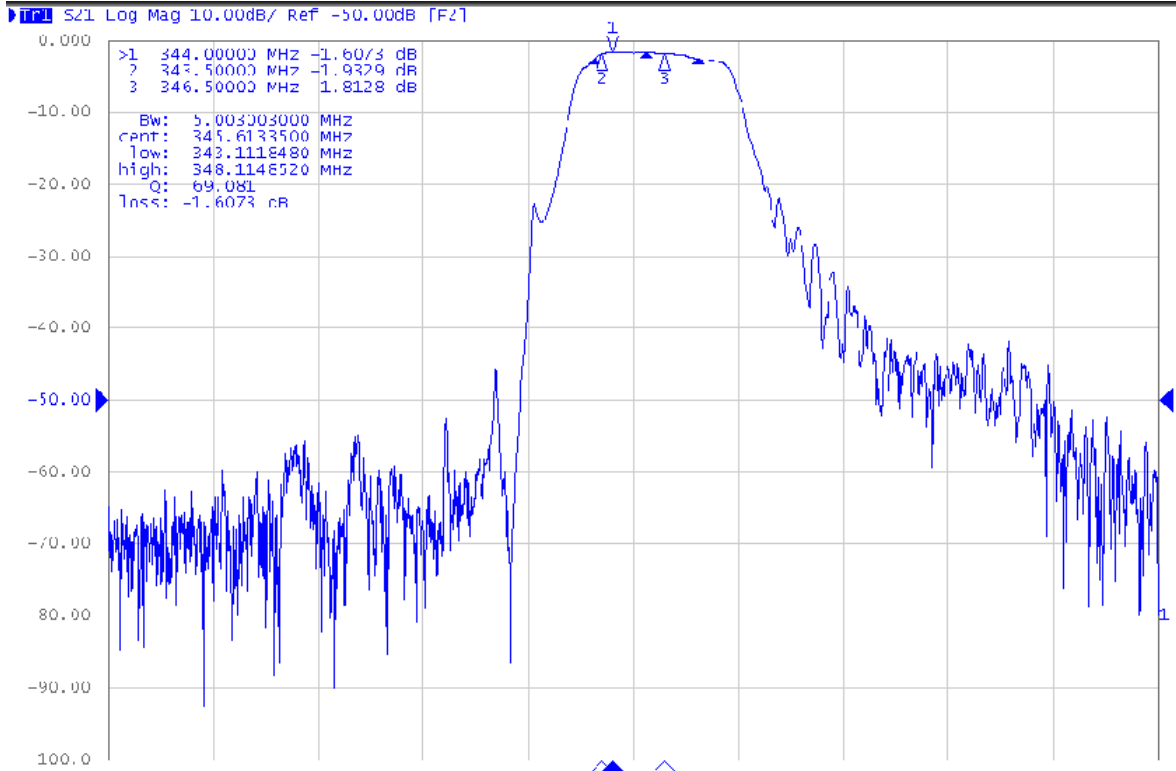


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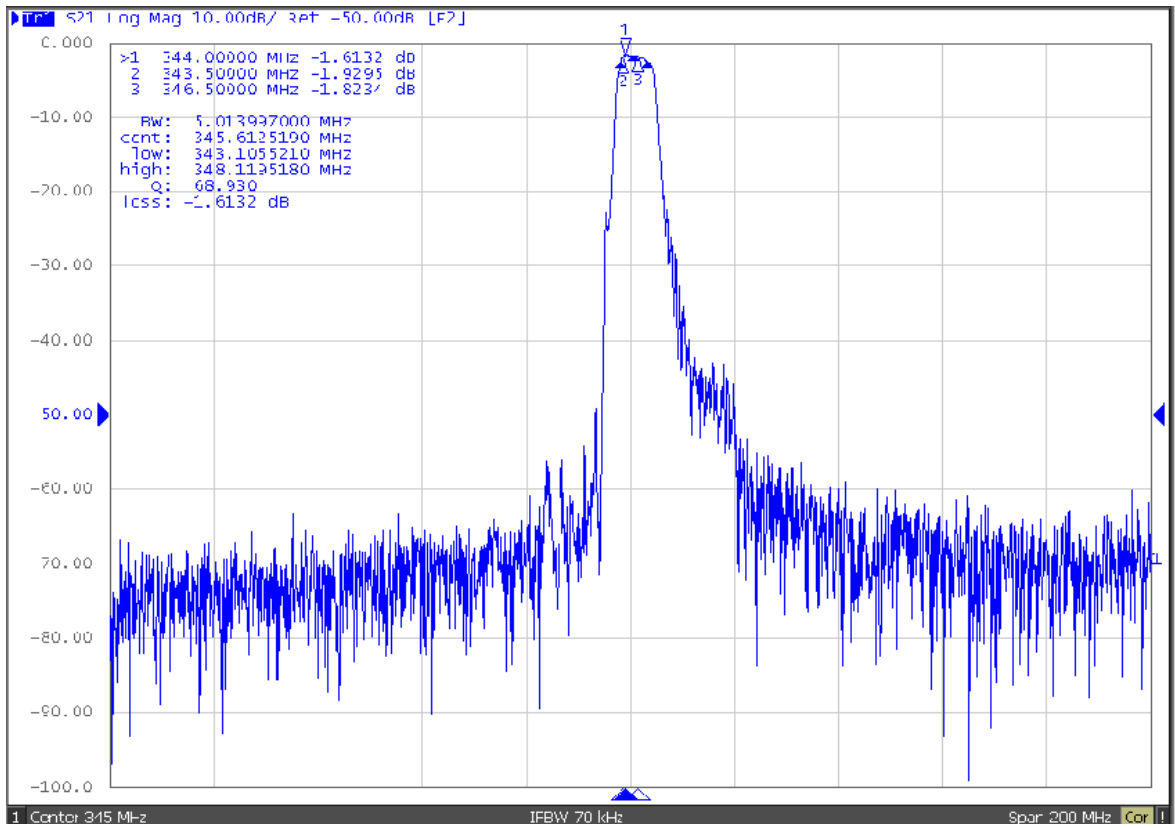
**F. FREQUENCY CHARACTERISTICS:**

**1. S21 Measurement:**



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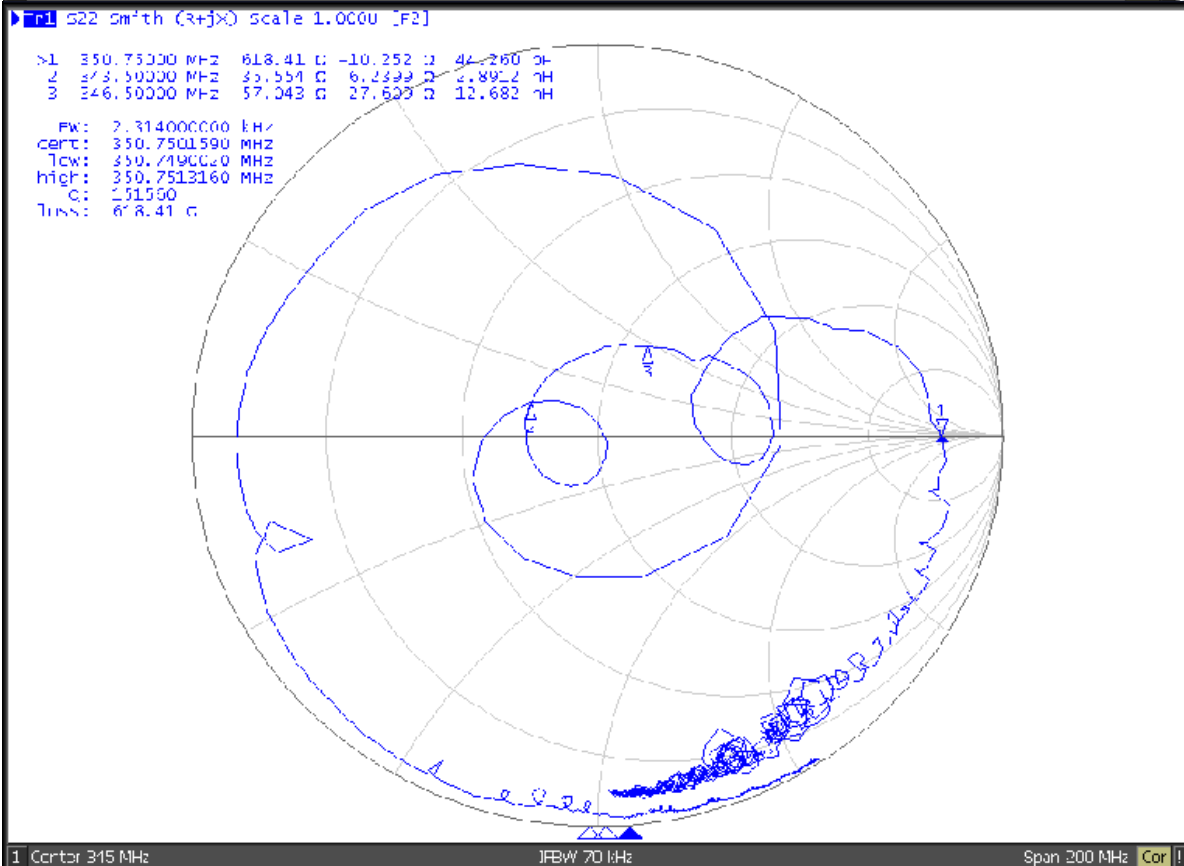
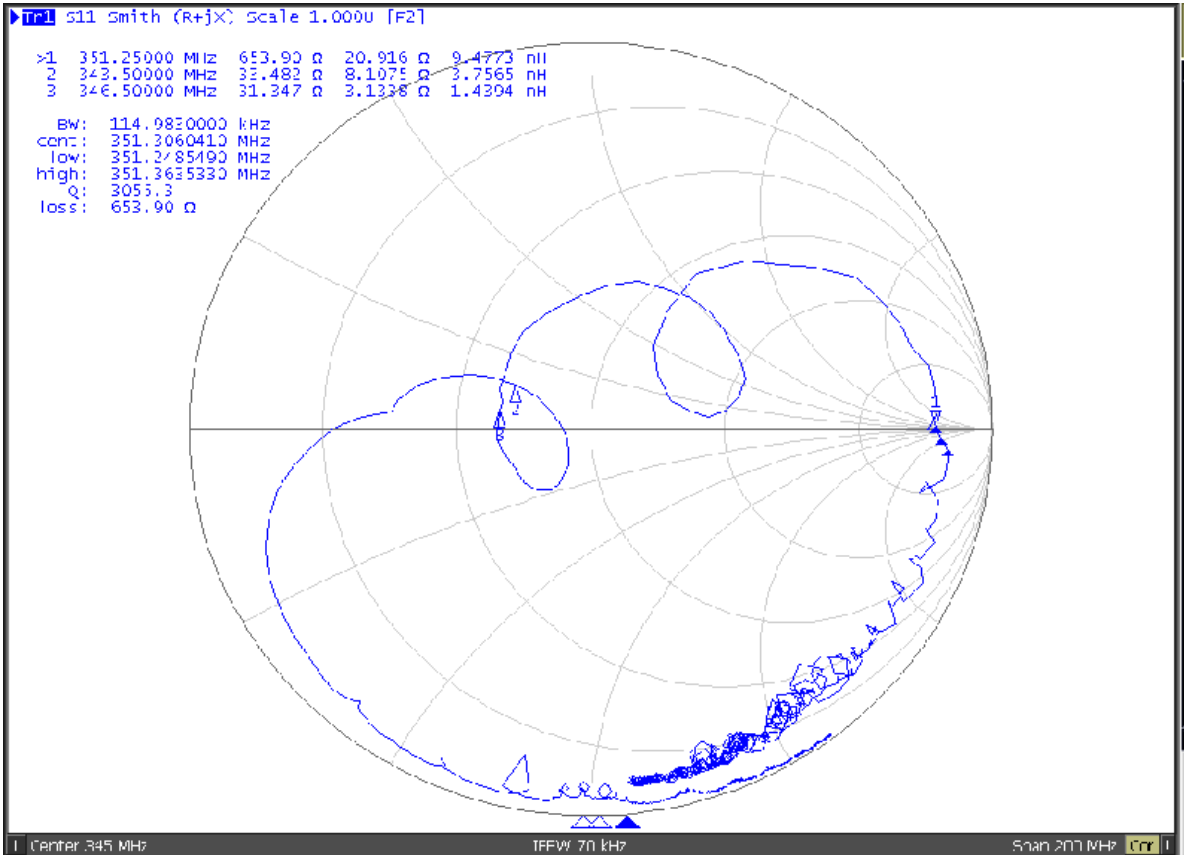
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2. S11 / S22 Measurement:

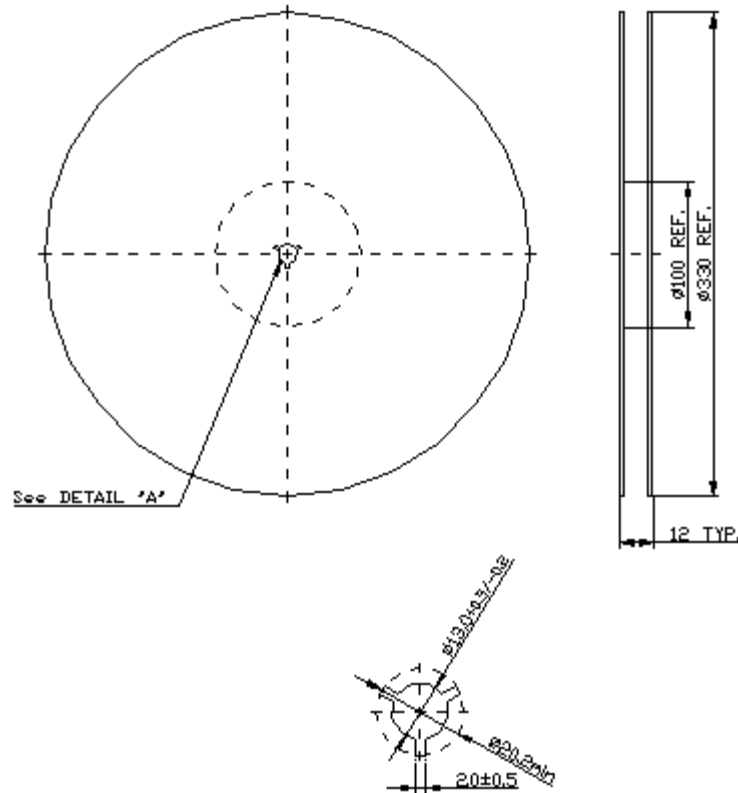


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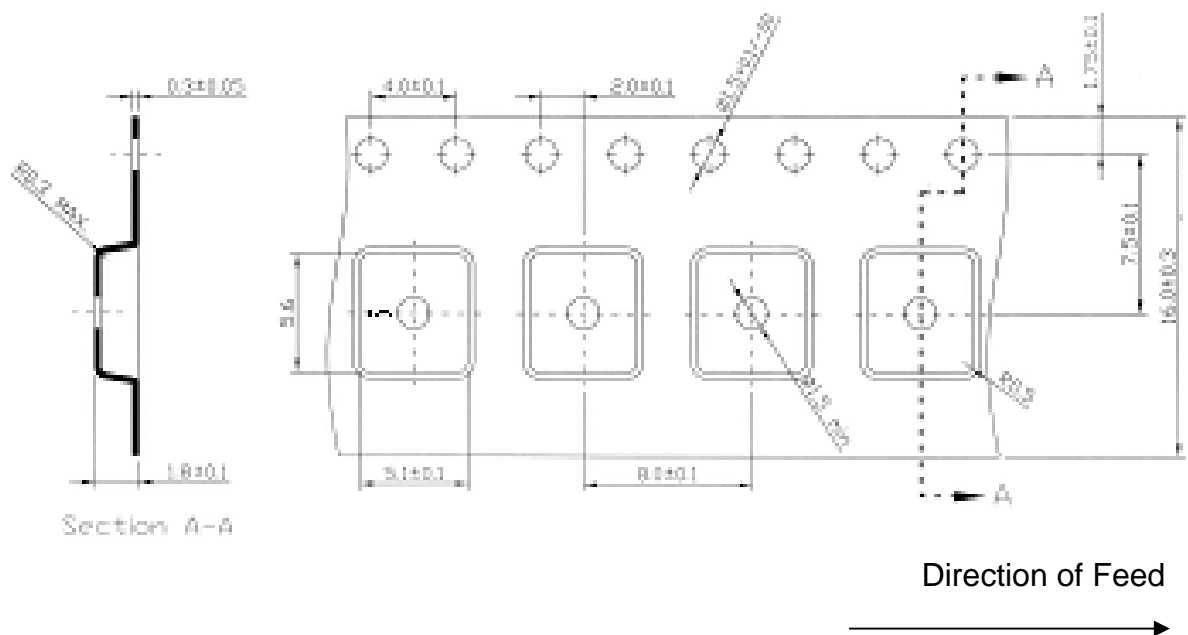
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**G. PACKING:**

1. Reel Dimension



2. Tape Dimension



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**H. RECOMMENDED REFLOW PROFILE:**

