

**SAW Filter 1489MHz**

**Model: TA1047A**

**Part No: MP02195**

**REV NO.: 1**

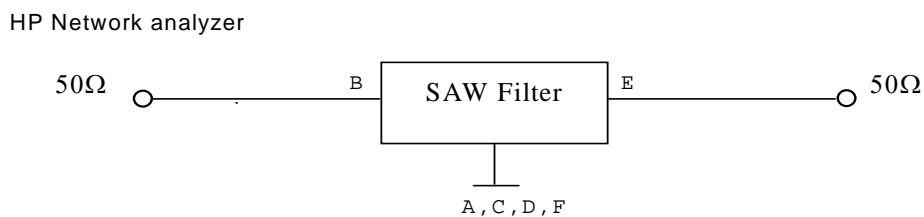
**A. MAXIMUM RATING:**

1. Input Power Level: +10 dBm
2. DC Voltage : 3V
3. Operating Temperature: 0°C to +50°C
4. Storage Temperature: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1489	-	-
Insertion Loss (1486.5~1491.5 MHz) IL	dB	-	2.75	4	-
Insertion Loss at Center Frequency ILc	dB	-	2.7	3.4	-
Amplitude Ripple (1486.5~1491.5 MHz)	dB	-	0.1	1	-
Bandwidth @ -1 dB	MHz	5	39	-	-
VSWR (1486.5~1491.5 MHz)		-	1.5	2	-
Attenuation (Reference level from 0 dB)					
DC ~ 100 MHz	dB	60	80	-	-
100 ~ 1395 MHz	dB	40	46	-	-
1395 ~ 1401 MHz	dB	30	46	-	-
1577 ~ 1583 MHz	dB	30	49	-	-
2884 ~ 3072 MHz	dB	40	42	-	-
4373 ~ 4561 MHz	dB	6	14	-	-

**C. MEASUREMENT CIRCUIT:**



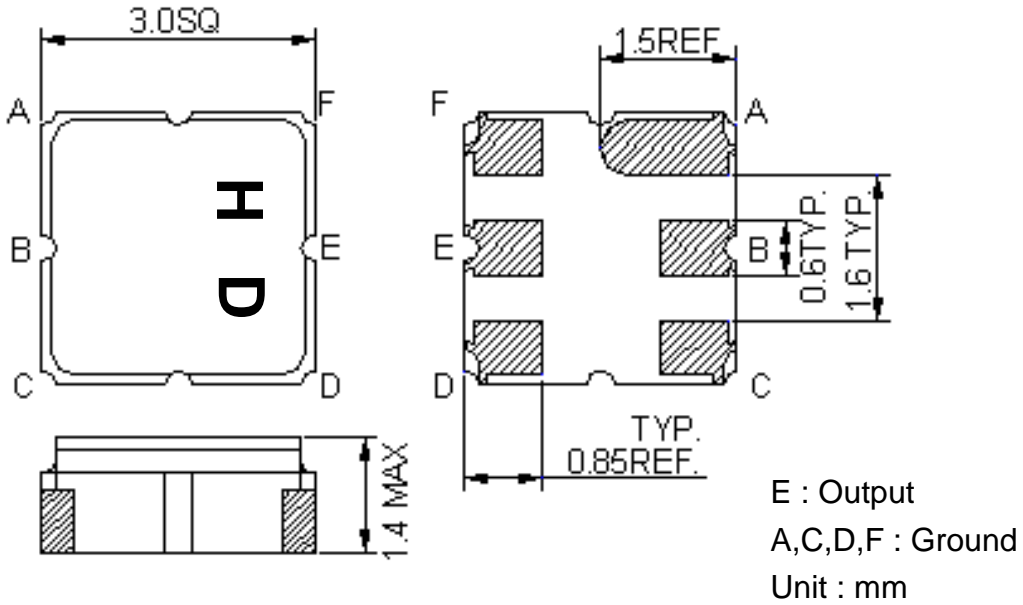
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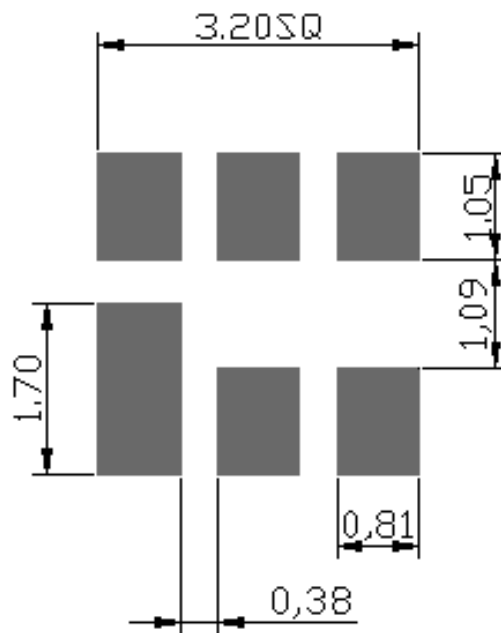
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**D. OUTLINE DRAWING:**



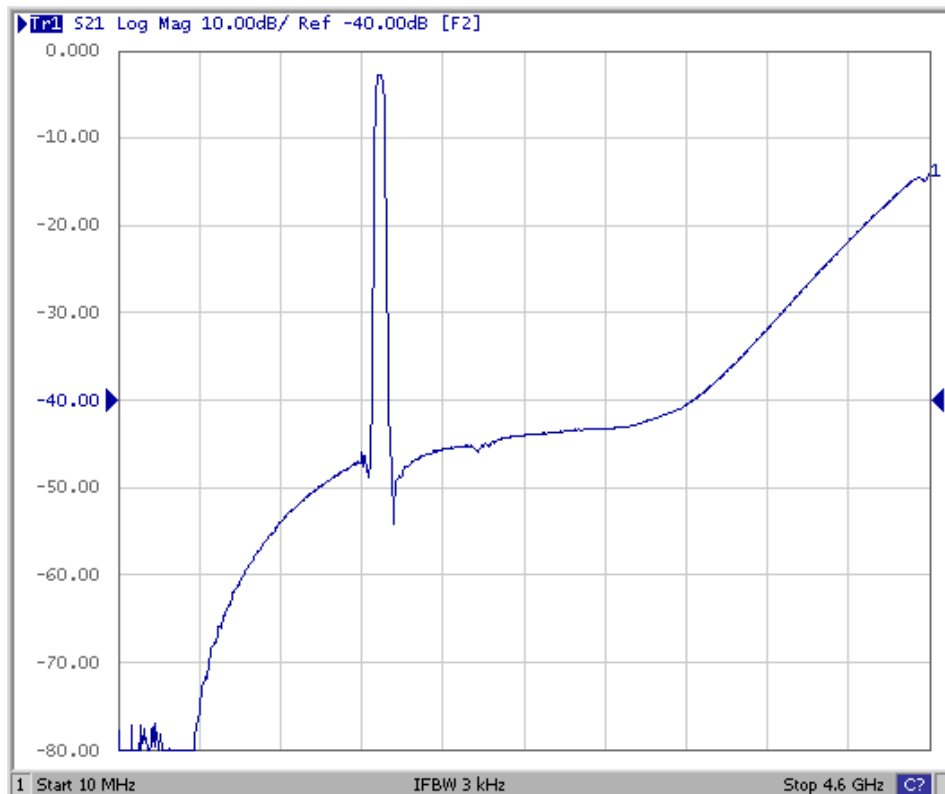
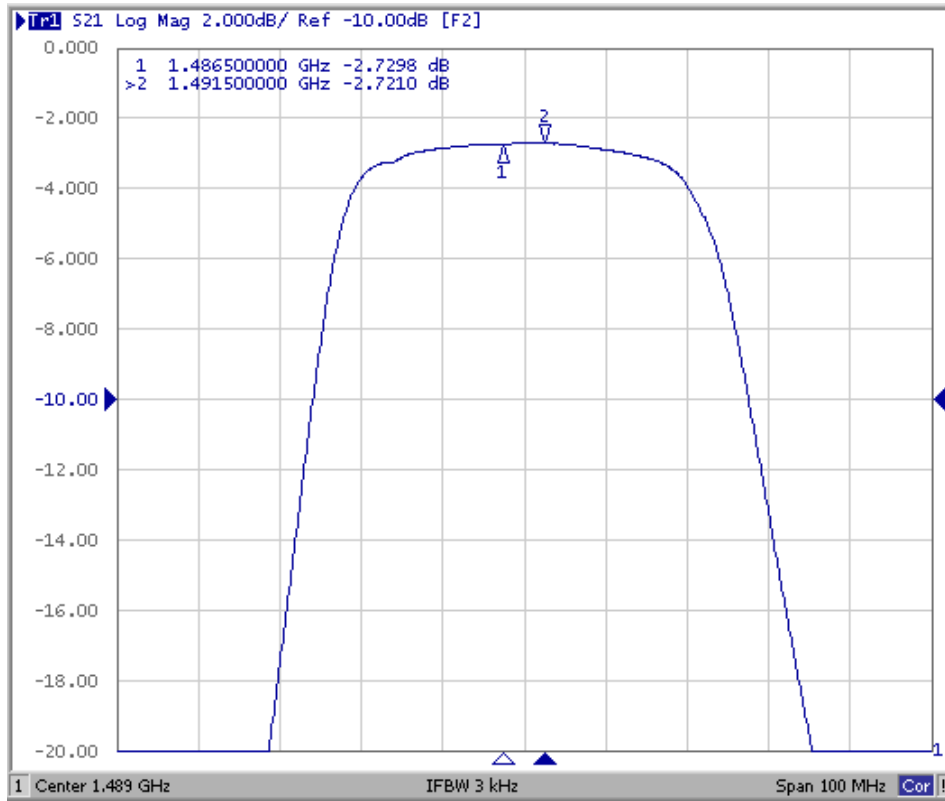
**E. PCB FOOTPRINT:**



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**F. FREQUENCY CHARACTERISTICS:**

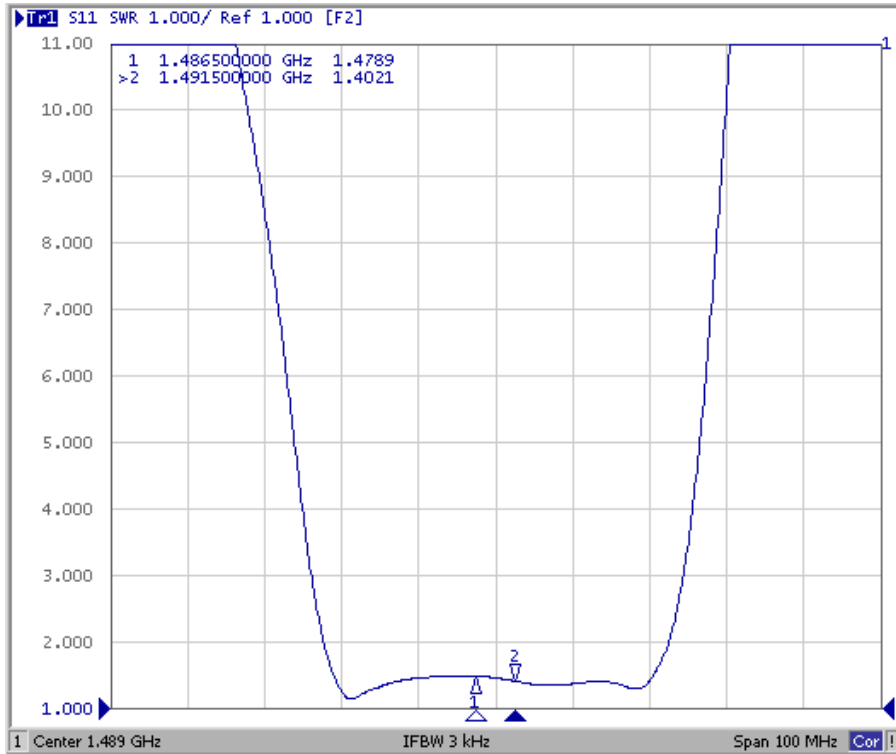


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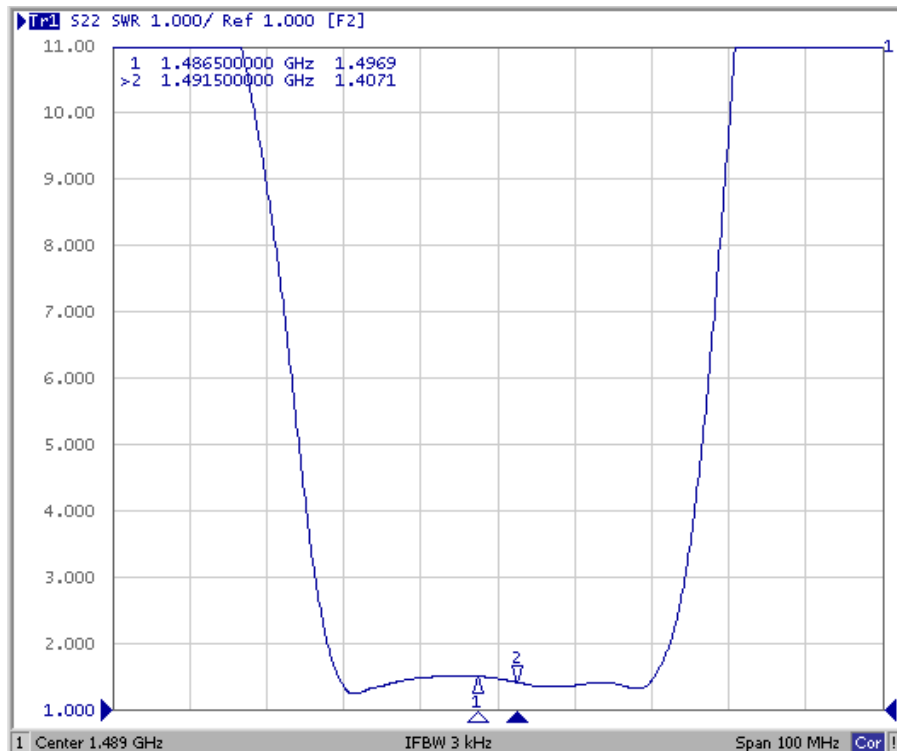
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**Reflection Functions :**

**S11**



**S22**



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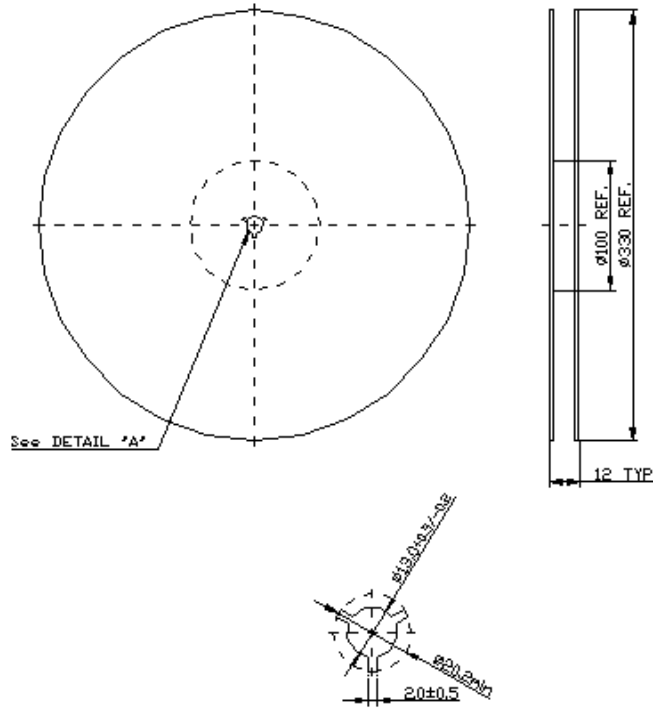
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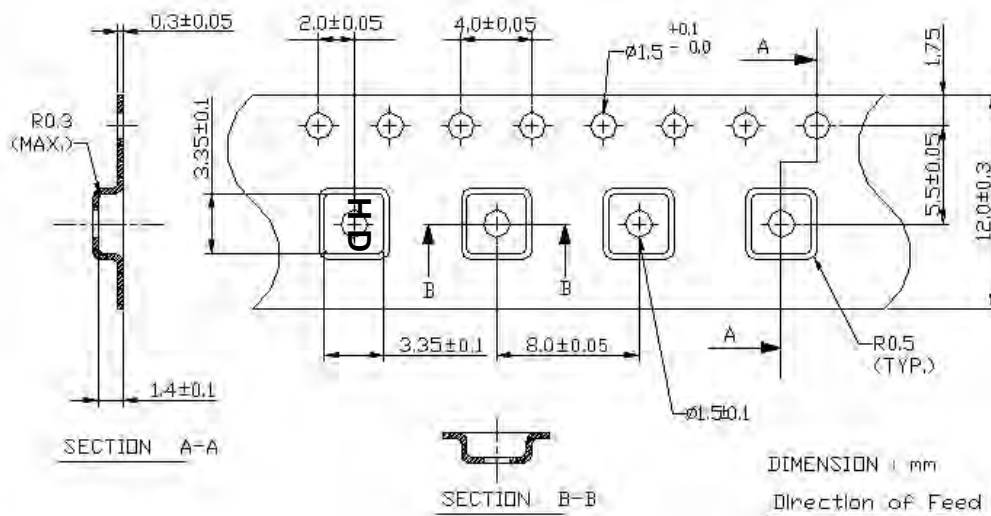
**G. PACKING:**

**1. REEL DIMENSION**

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



**2.TAPE DIMENSION**



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**H. RECOMMENDED REFLOW PROFILE :**

