

**SAW Filter 1217.0MHz**  
**Part No: MP03724**

**Model: TA1165A**  
**Rev No: 1**

**A. MAXIMUM RATING:**

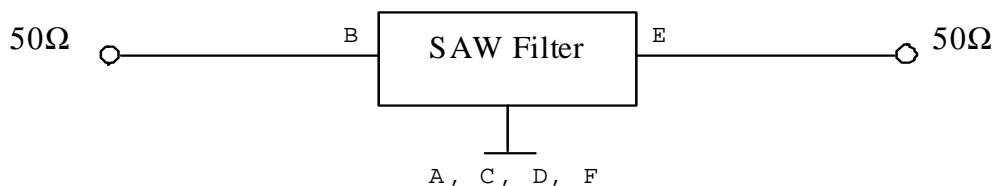
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -30°C to +80°C
4. Storage Temperature: -30°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	1217	-
Insertion Loss within 1195~1239MHz IL	dB	-	3.1	4.0
Amplitude ripple within 1195 ~ 1239MHz	dB	-	1.0	3.0
Attenuation (Reference level from 0dB)				
1107 ~ 1167MHz	dB	40	51.6	-
1267 ~ 1280MHz	dB	26	33.0	-
1280 ~ 1310MHz	dB	35	42.0	-
1310 ~ 1327MHz	dB	40	48.6	-
Source impedance Z <sub>S</sub>	Ω	-	50	-
Load impedance Z <sub>L</sub>	Ω	-	50	-

**C. MEASUREMENT CIRCUIT:**

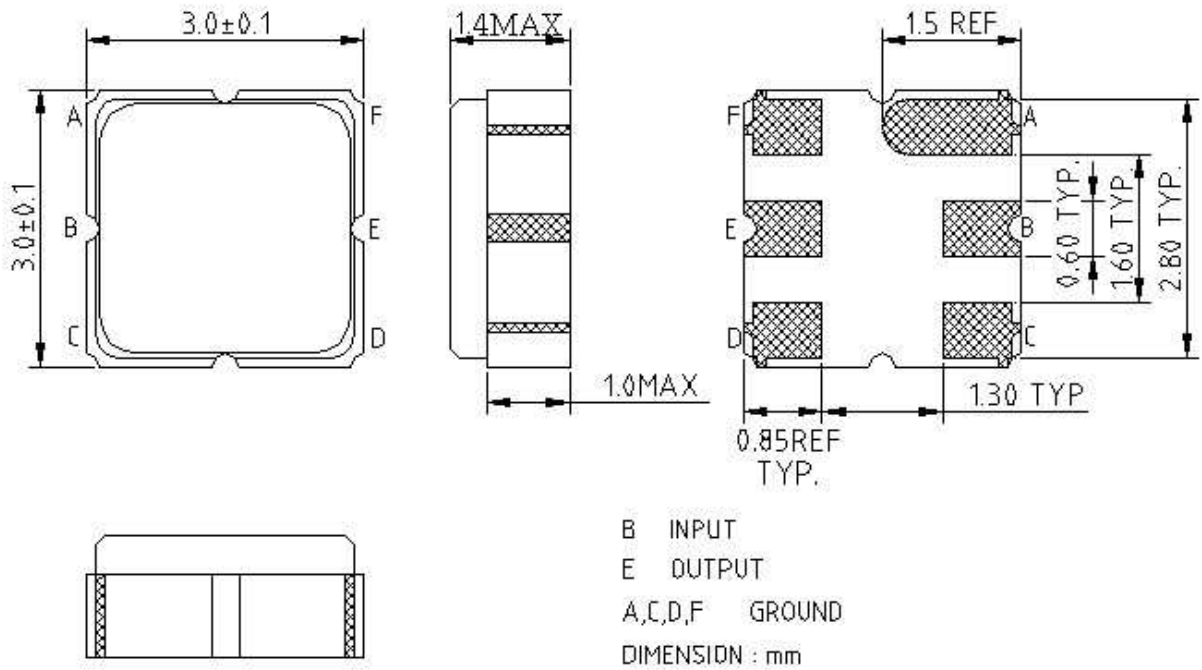
HP Network analyzer



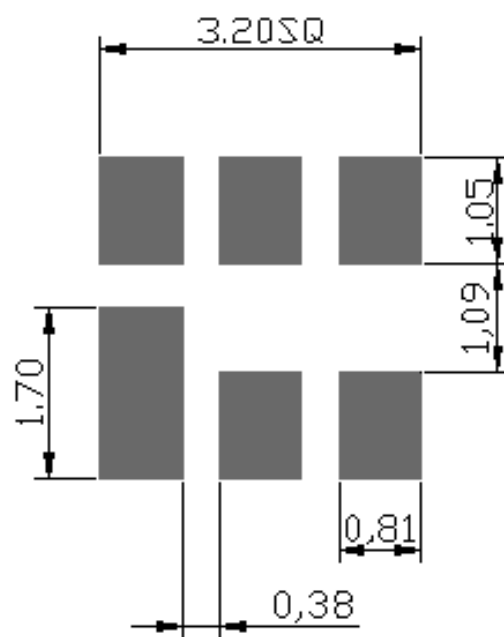
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**D. OUTLINE DRAWING:**



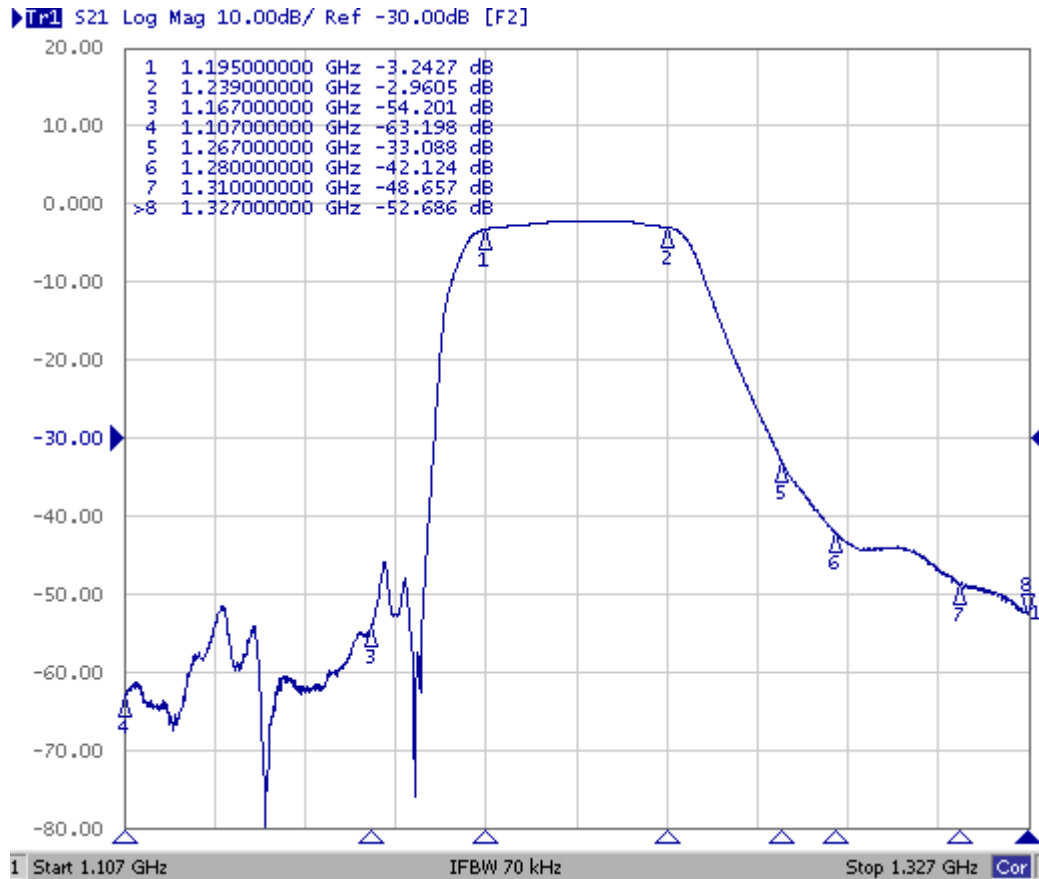
**E. PCB FOOTPRINT:**



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**F. FREQUENCY CHARACTERISTICS: (Simulations)**

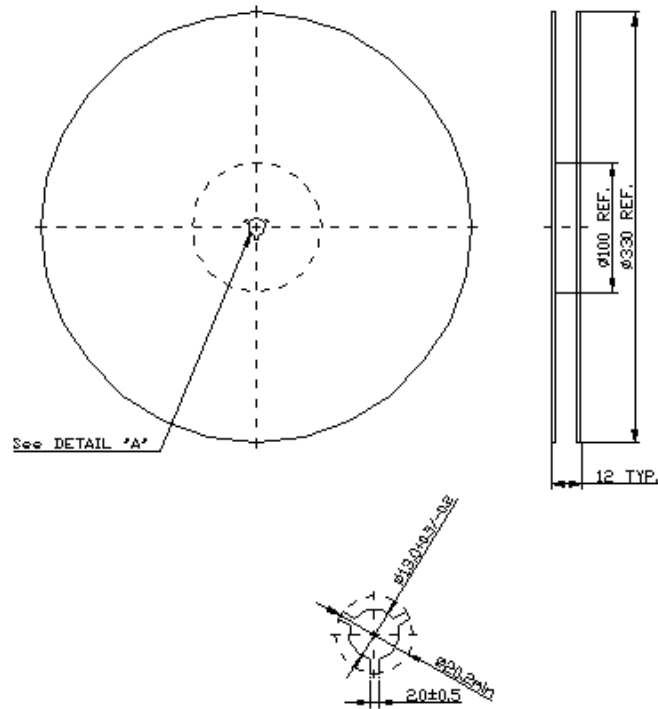


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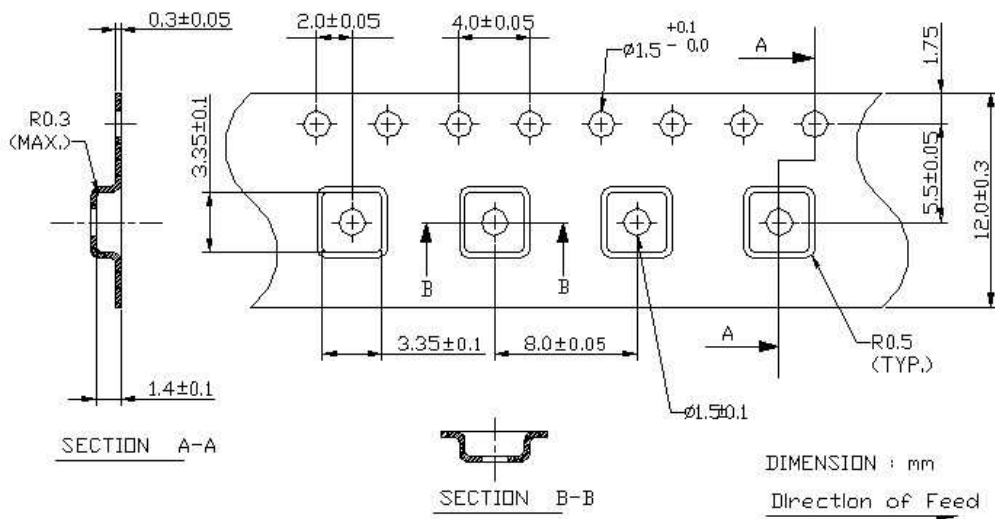
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**G. PACKING:**

**1. REEL DIMENSION**



**2. TAPE DIMENSION**



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**H. RECOMMENDED REFLOW PROFILE:**

