

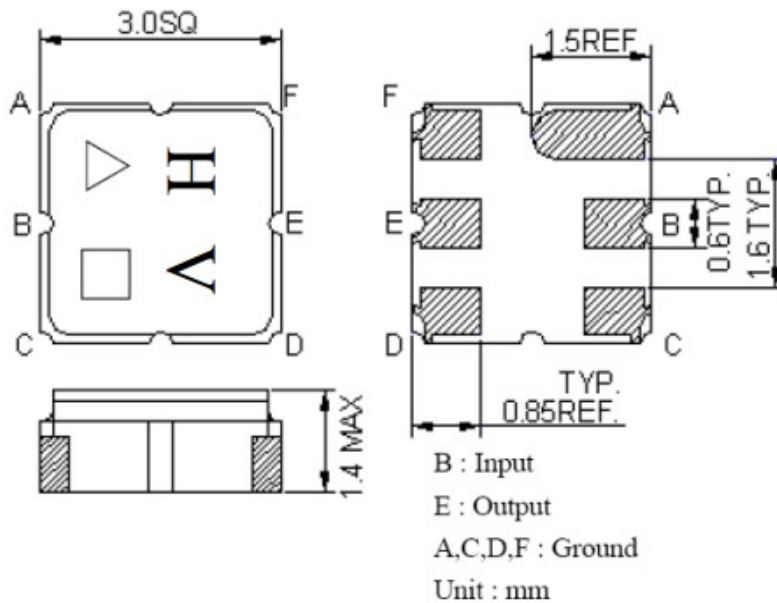
# **PRODUCT SPECIFICATION FOR INFORMATION**

FINAL SPECIFICATION

**Product Name: SAW Filter**

**Part No: HD34492**

■ Mechanical Drawing



Note  
1. Connector: SMD  
2. Finish: Silver plated

△ : Year Code (2006->6, ..., 2009->9)  
□ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

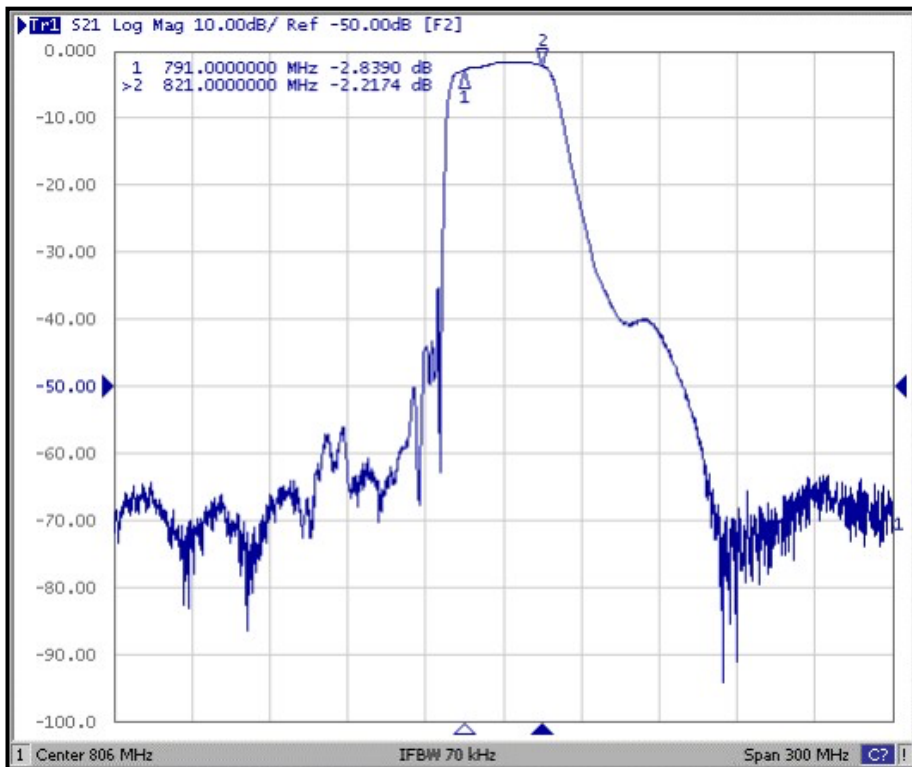
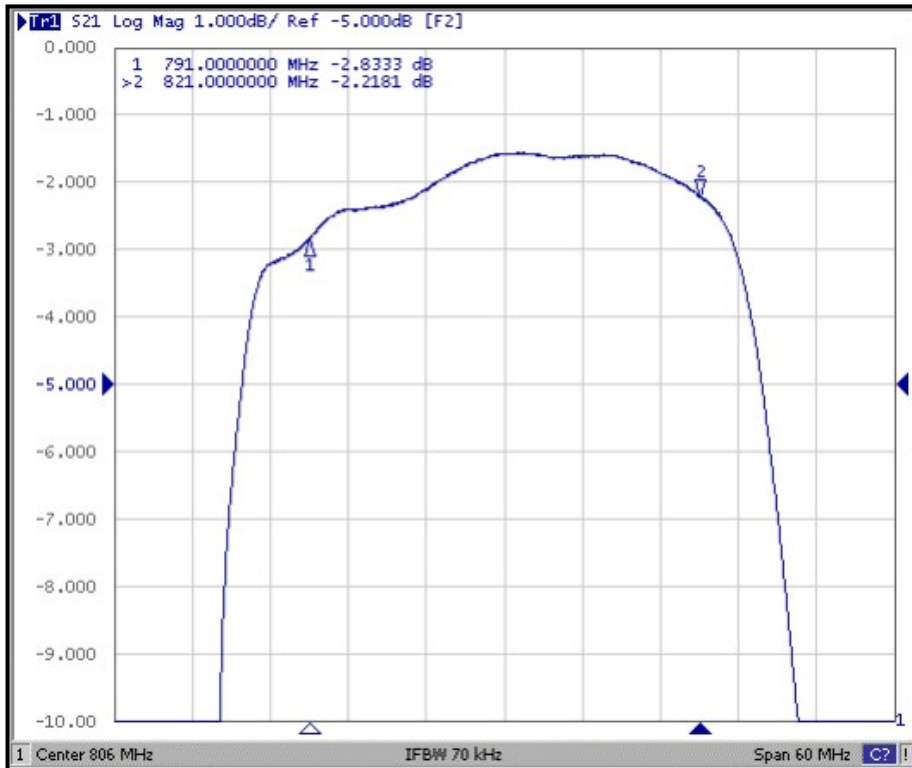
■ Electrical Specification

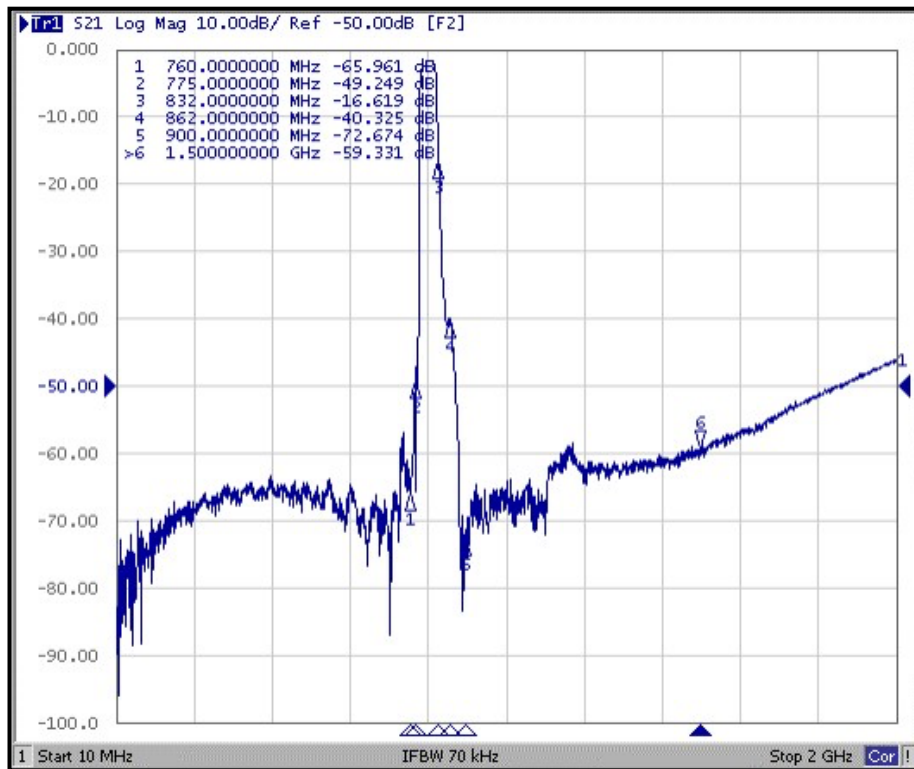
Parameter	Specification	Remark
1. Center Frequency	806MHz	
2. Bandwidth [BW]	$F_c \pm 15\text{MHz}$ [791~821MHz]	
3. Insertion Loss in BW	4.5dB Max.	
4. Amplitude Ripple in BW	3.0dB Max.	
5. VSWR in BW	2.5:1 Max.	
6. In/Out Impedance	50Ω	
7. Attenuation [Absolute Value]	45dB Min.@ DC~760MHz	
	30dB Min.@ 760~775MHz	
	8dB Min.@ 832~862MHz	
	30dB Min.@ 862~900MHz	
	45dB Min.@ 900~1500MHz	
	35dB Min.@ 1500~2000MHz	
8. Input Power Level	10dBm	
9. DC Voltage	3V	
10. Operating Temperature	-25°C to +75°C	
11. Storage Temperature	-30°C to +85°C	

Remarks: This is a preliminary datasheet for reference.

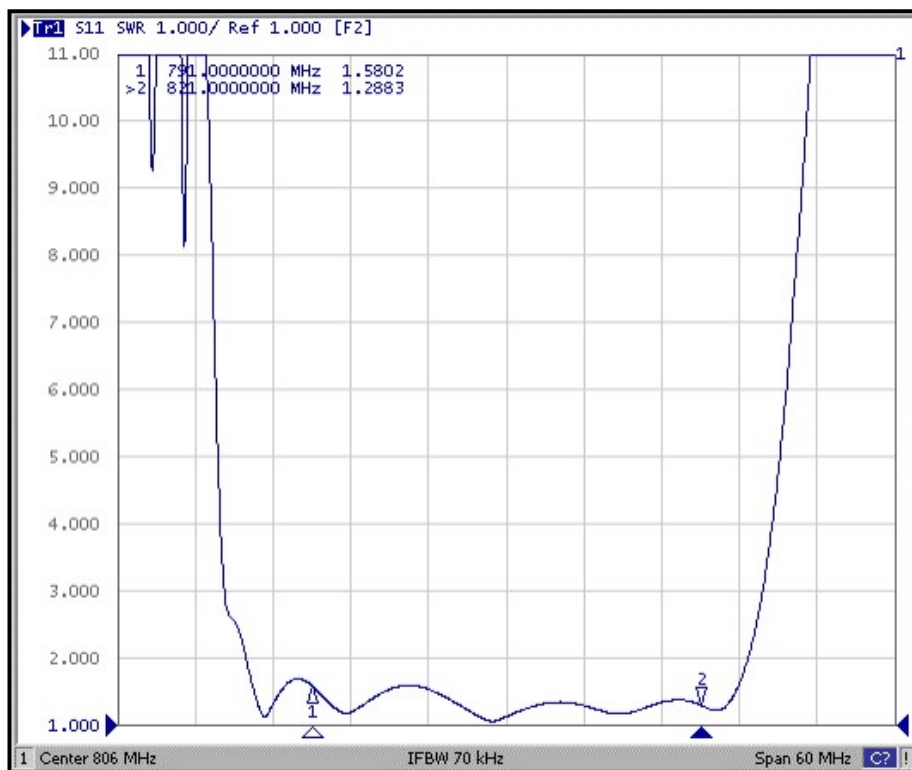
■ Simulation Data

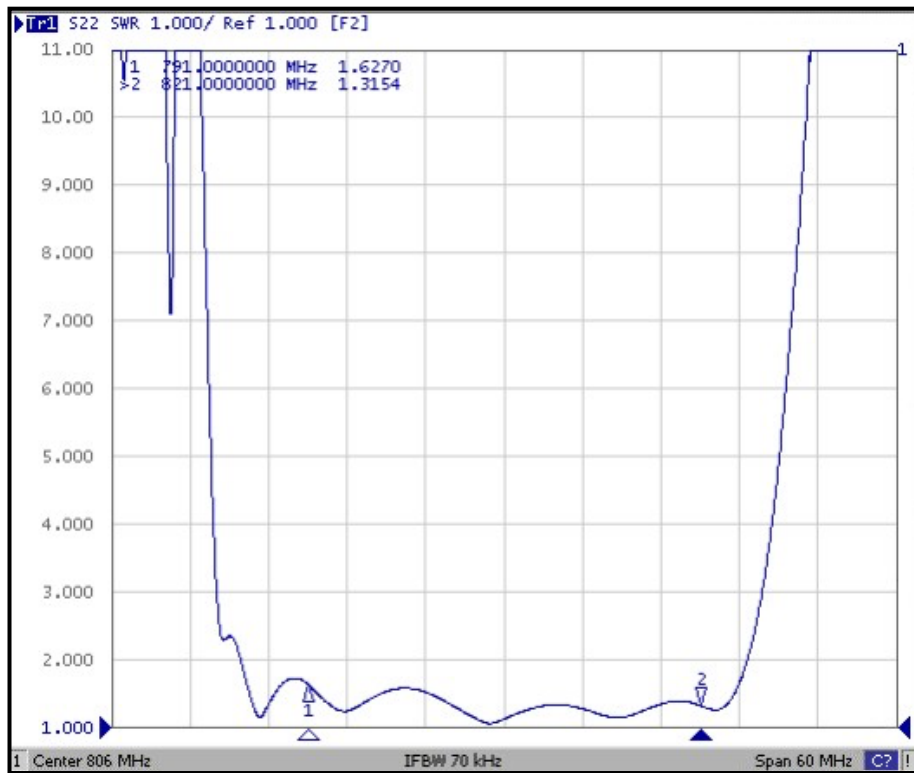
1) Transfer Functions





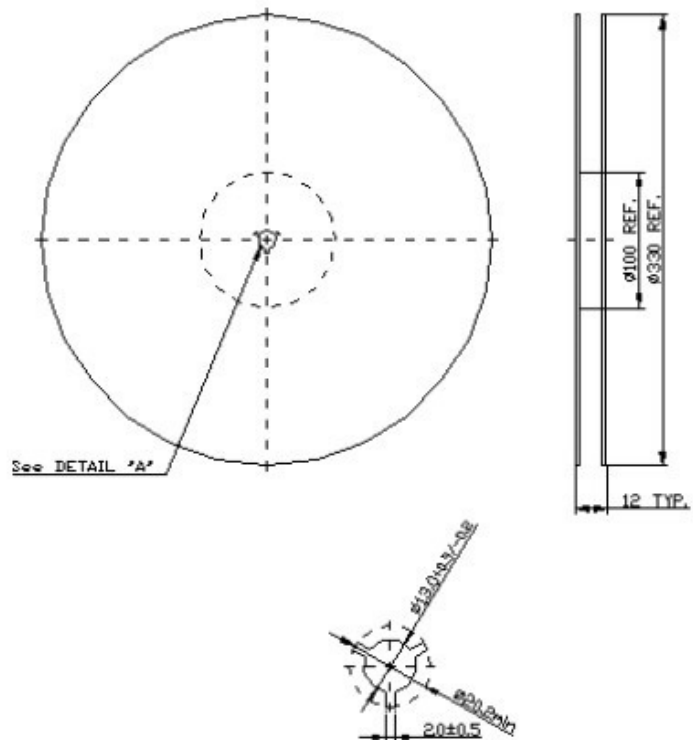
## 2) Reflections Functions



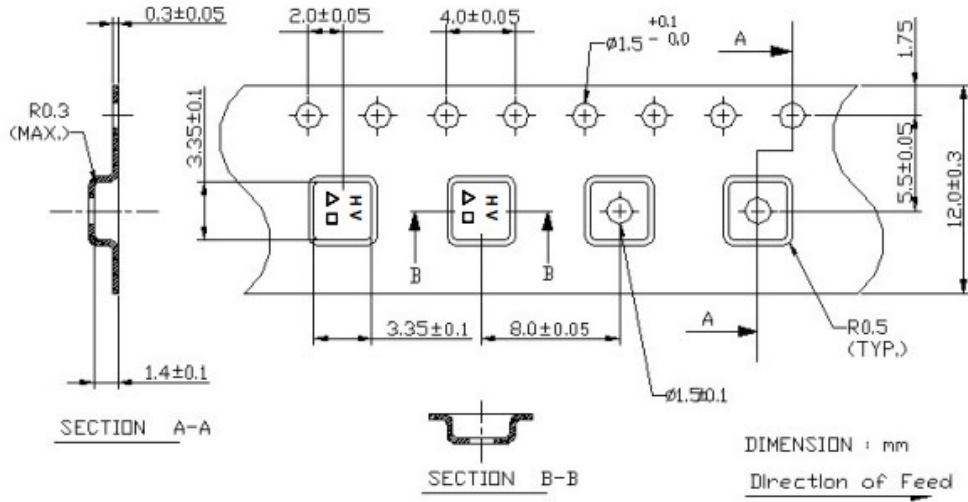


■ Packing

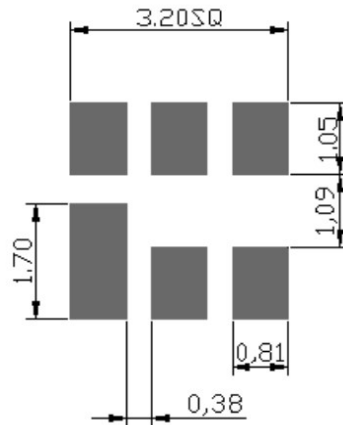
1. REEL DIMENSION



## 2. TAPE DIMENSION



### ■ Recommended PCB Board Pattern



### ■ Recommended Reflow Profile

