

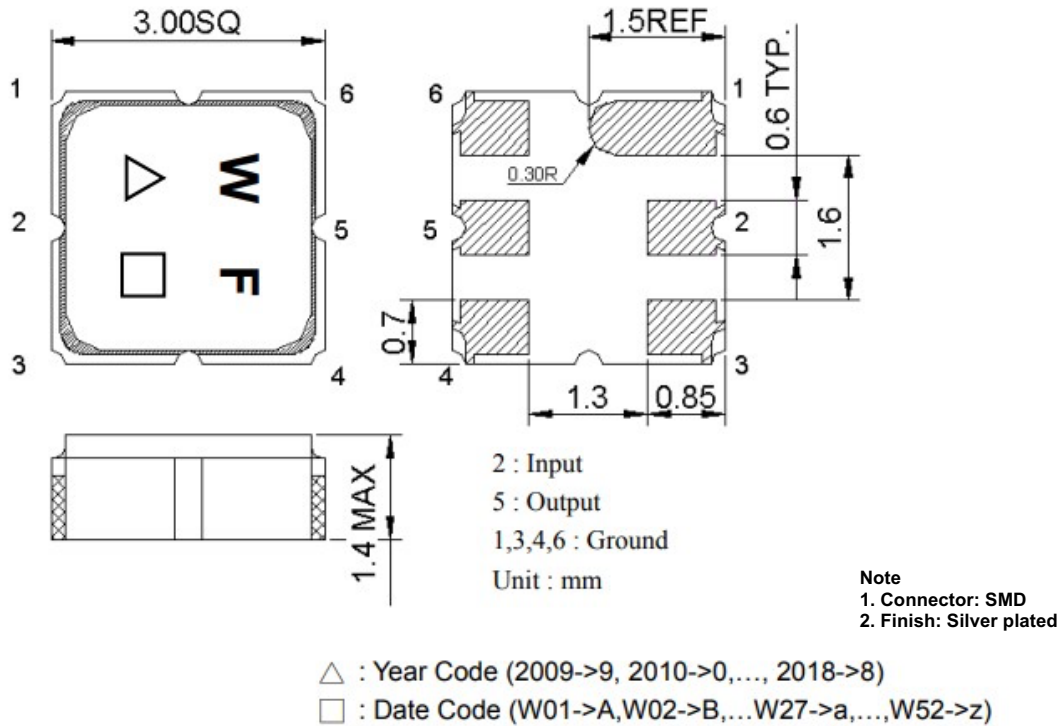
PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

Product Name: SAW Filter

Part No: HD34488

■ Mechanical Drawing



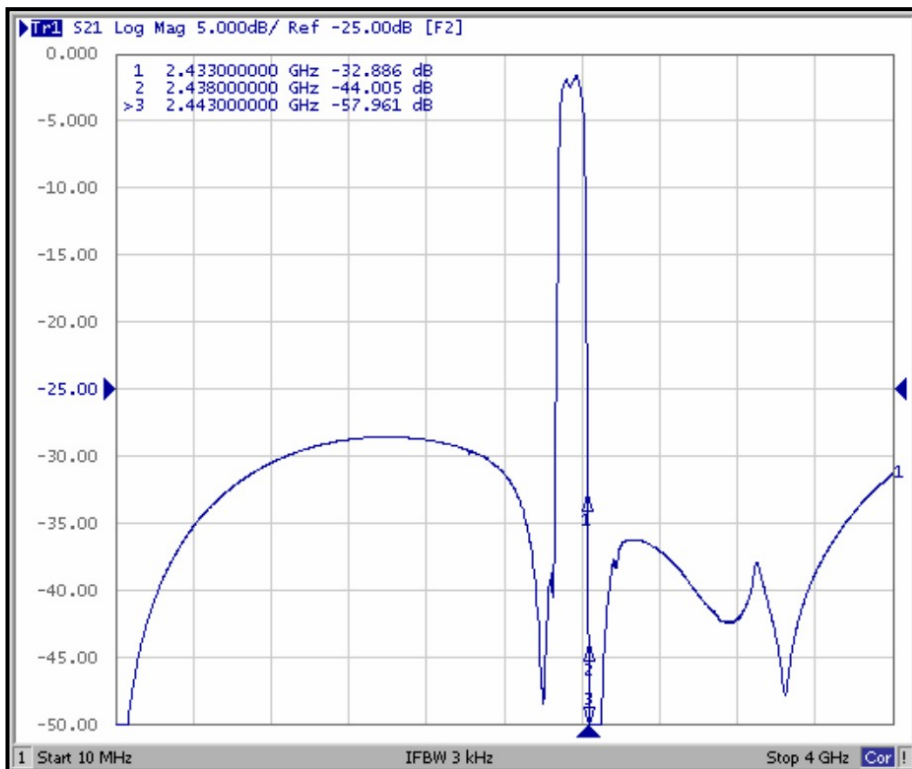
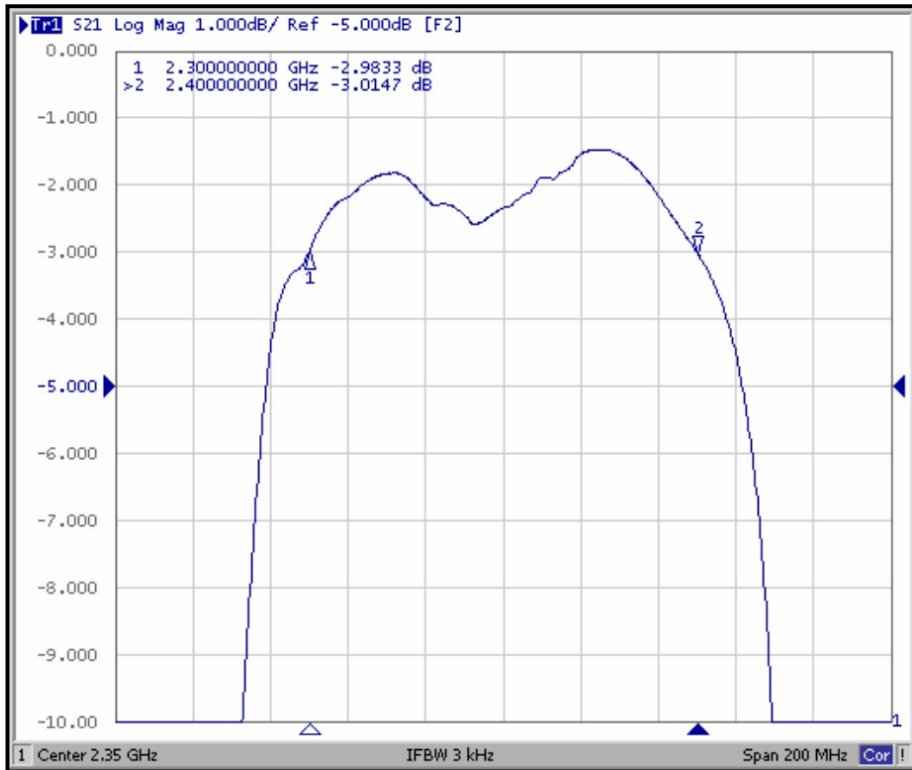
■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2350MHz	
2. Bandwidth [BW]	$F_c \pm 50\text{MHz}$ [2300~2400MHz]	
3. Insertion Loss in BW	4.0dB Max.	
4. Amplitude Ripple in BW	3.1dB Max.	
5. VSWR in BW	2.5:1 Max.	
6. In/Out Impedance	50Ω	
7. Attenuation [Absolute Value]	23dB Min.@ DC~2050MHz	
	30dB Min.@ 2050~2170MHz	
	24dB Min.@ 2170~2250MHz	
	12dB Min.@ 2433~2438MHz	
	21dB Min.@ 2438~2443MHz	
	35dB Min.@ 2443~2485MHz	
	18dB Min.@ 2485~2550MHz	
27dB Min.@ 25500~4000MHz		
8. Temperature Coefficient of Frequency	-36ppm/°C	
9. Input Power Level	10dBm	
10. DC Voltage	3V	
11. Operating Temperature	-30°C to +85°C	
12. Storage Temperature	-30°C to +85°C	

Remarks: This is a preliminary datasheet for reference.

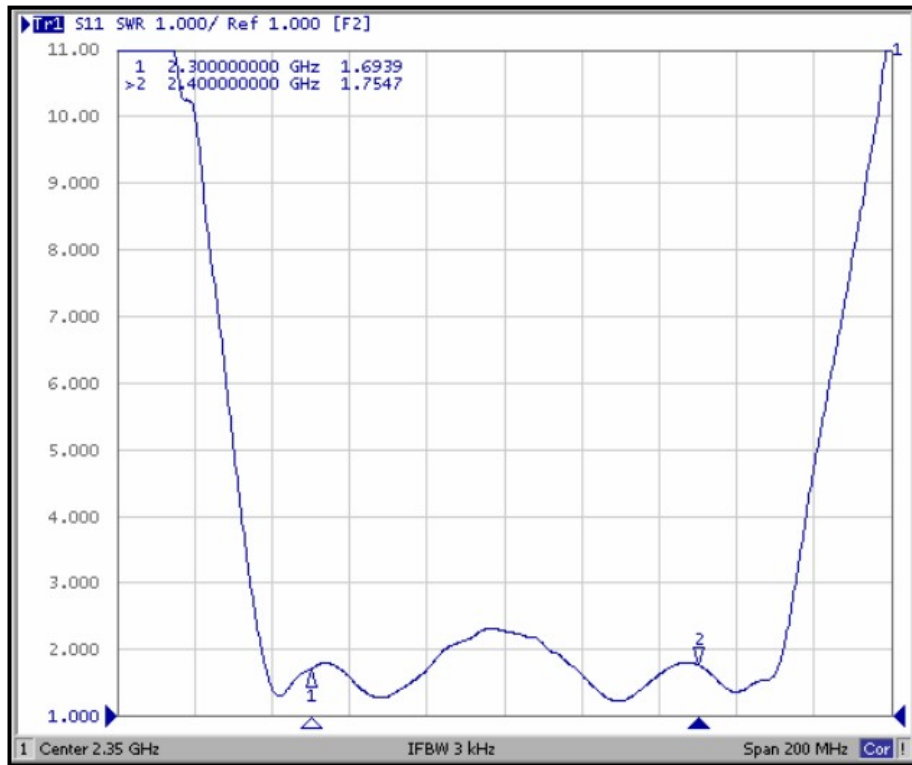
■ Simulation Data

1) Transfer Functions

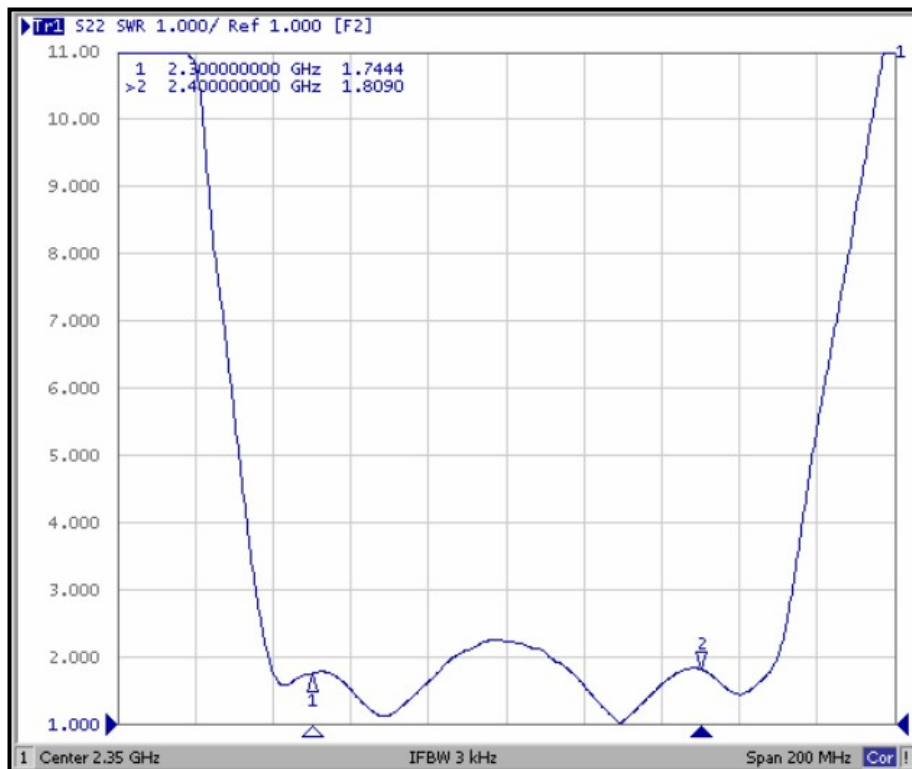


2) Reflections Functions

S11



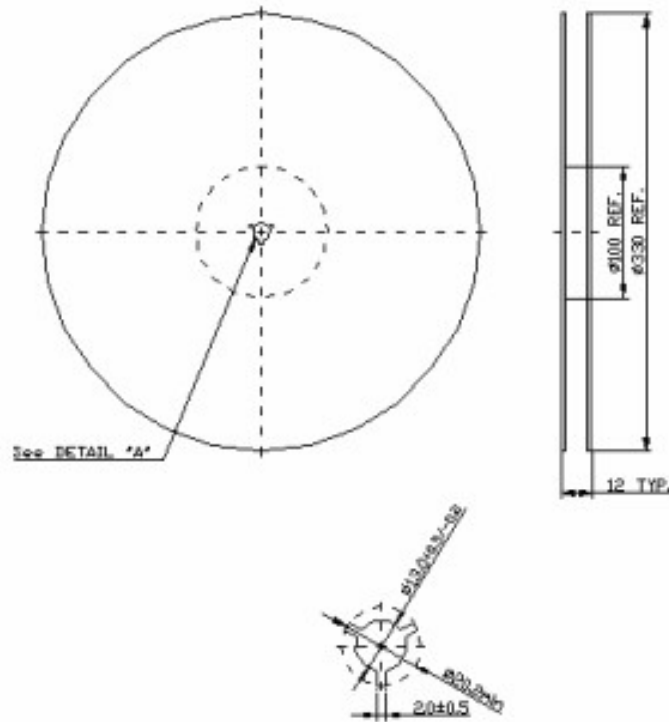
S22



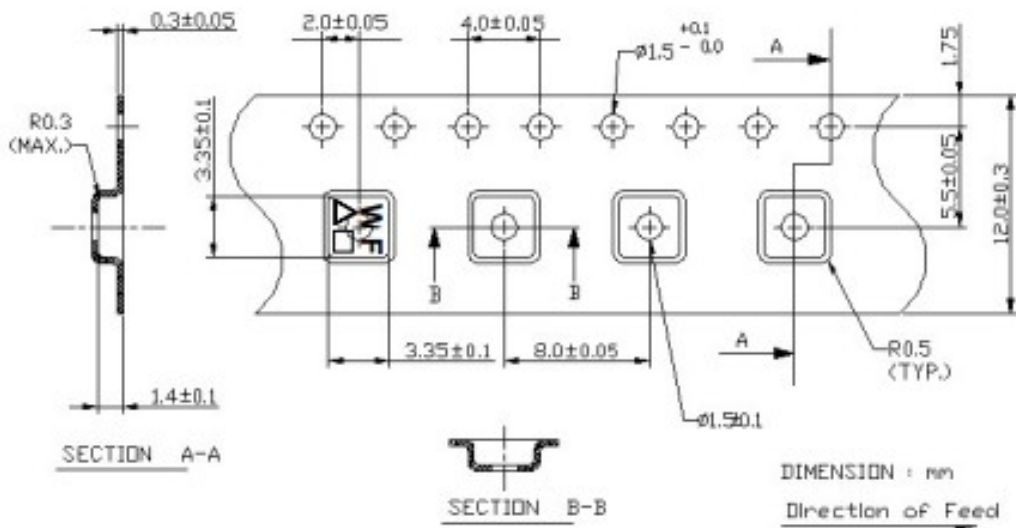
■ Packing

1. REEL DIMENSION

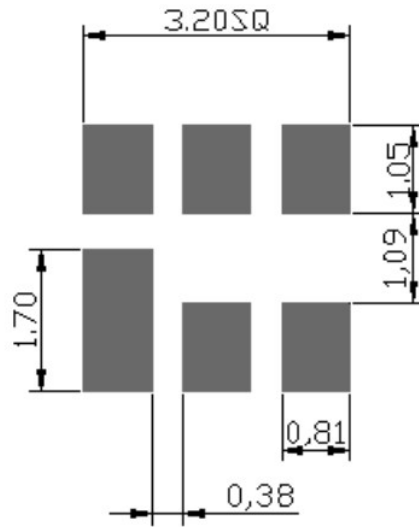
(Reel Count : 7"=1000 ; 13"=3000)



2. TAPE DIMENSION



■ Recommended PCB Board Pattern



■ Recommended Reflow Profile

