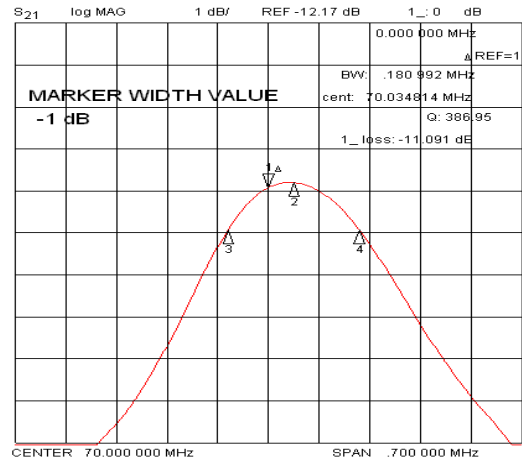
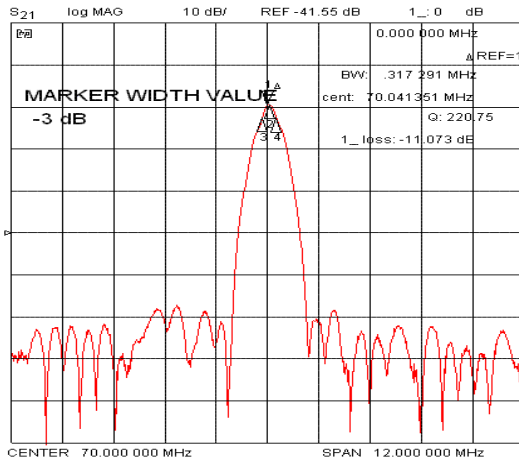


# PRODUCT SPECIFICATION FOR INFORMATION

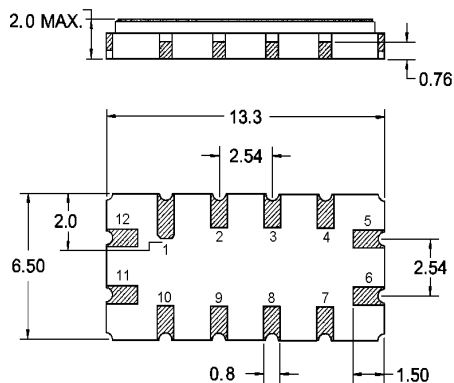
- Product Name : IF SAW FILTER
- Part No : HD34453

## 1. Typical Performance

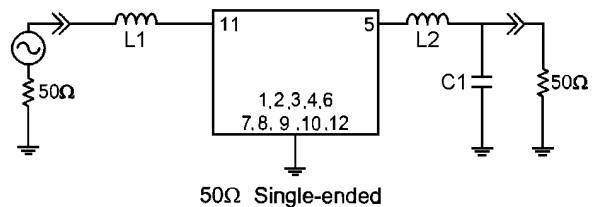


## 2. Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	69.90	70.00	70.10
Insertion Loss	dB	-	11.20	13.00
1dB Bandwidth	MHz	-	0.18	-
3dB Bandwidth	MHz	0.25	0.31	-
40dB Bandwidth	MHz	-	1.60	1.80
Passband Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	200	400
Absolute Delay	μsec	-	1.93	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/°C	-0.032		



Input : 11 , Input Gnd : 12  
 Output : 5 , Output Gnd : 6  
 Other Pins : Ground



L1=82nH, L2=150nH, C1=82pF  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

