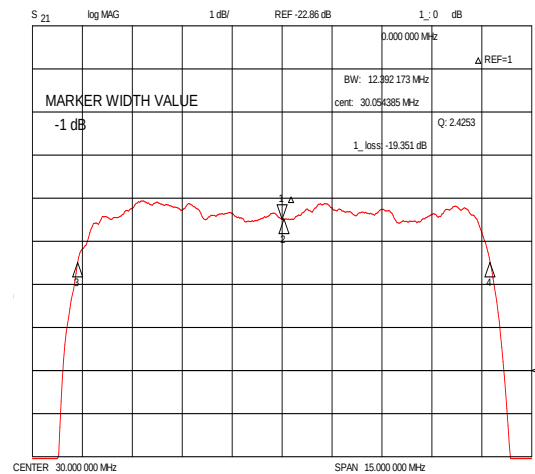
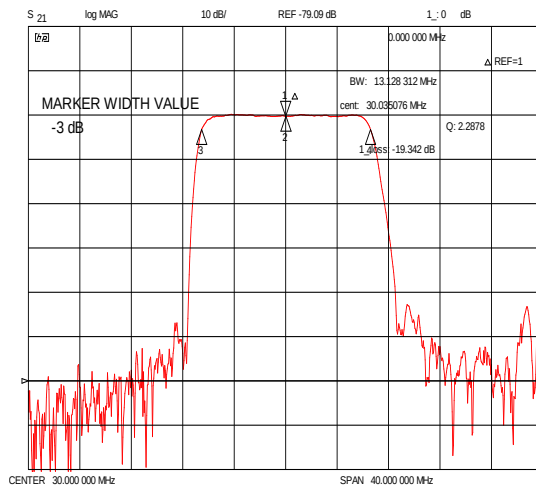


PRODUCT SPECIFICATION FOR INFORMATION

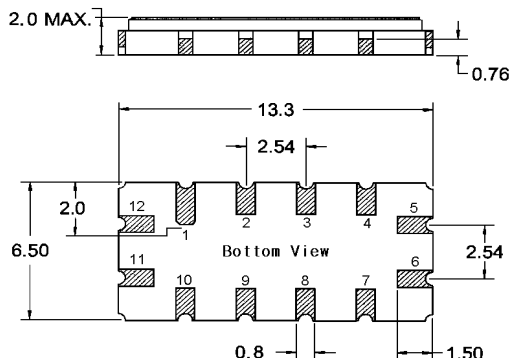
- Customer : VSSC
- Product Name : IF SAW FILTER
- Part No : M03011S

1. Typical Performance

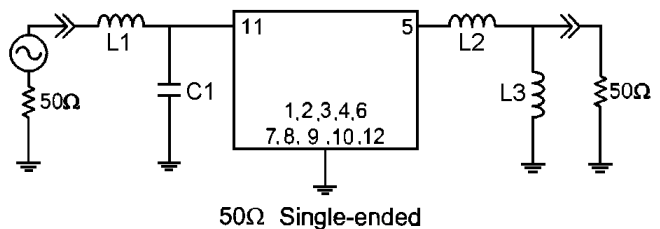


2. Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	29.93	30.00	30.07
Insertion Loss	dB	-	19.50	21.00
1dB Bandwidth	MHz	11.80	12.39	-
3dB Bandwidth	MHz	-	13.12	-
40dB Bandwidth	MHz	-	16.10	16.50
Passband Ripple	dB	-	0.60	1.00
Relative Attenuation fc±20.0MHz Point	dB	40	45	-
Group Delay Variation	nsec	-	50	100
Absolute Delay	μsec	-	1.56	-
Substrate Material	-	Yz-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		



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



L1=470nH, L2=560nH, L3=470nH, C1=8pF

Source / Load Impedance = 50Ω

Ambient Temperature = 25°C

