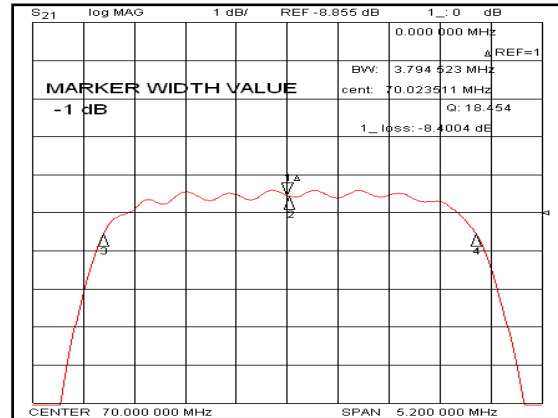
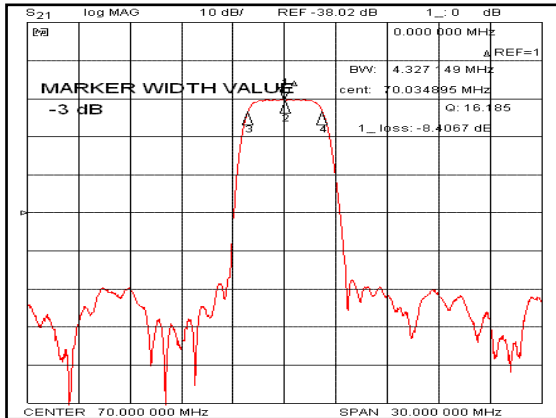


PRODUCT SPECIFICATION FOR INFORMATION

- Product Name : SAW BAND PASS FILTER
- Part No : HD34459

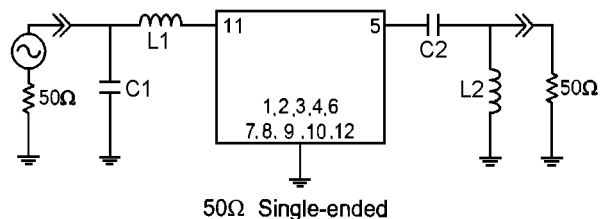
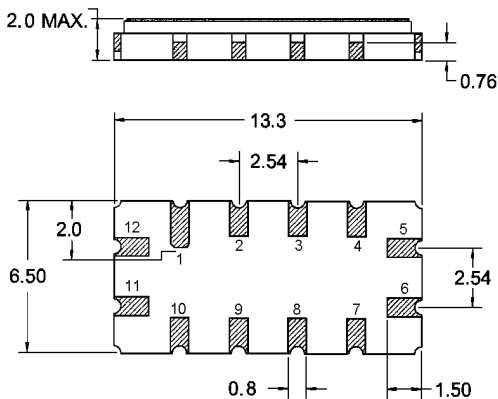
1. Typical Performance



2. Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	69.80	70.00	70.20
Insertion Loss	dB	-	8.50	10.00
1dB Bandwidth	MHz	-	3.79	-
3dB Bandwidth	MHz	4.00	4.32	-
30dB Bandwidth	MHz	-	6.25	-
40dB Bandwidth	MHz	-	6.60	7.50
Passband Ripple	dB	-	0.60	1.00
Group Delay Variation	nsec	-	75	150
Absolute Delay	µsec	-	1.13	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	Yz-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

3. Dimension & Matching Configuration



L1=68nH, L2=100nH, C1=36pF, C2=150pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

