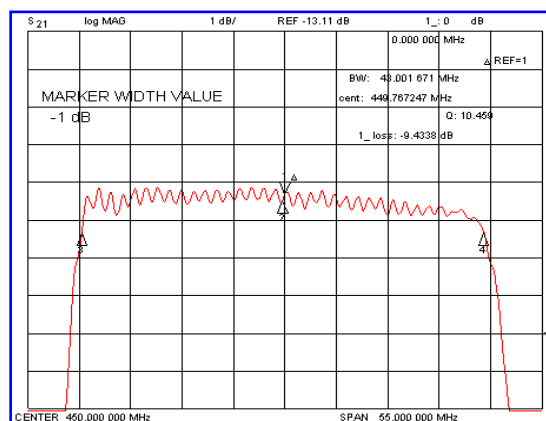
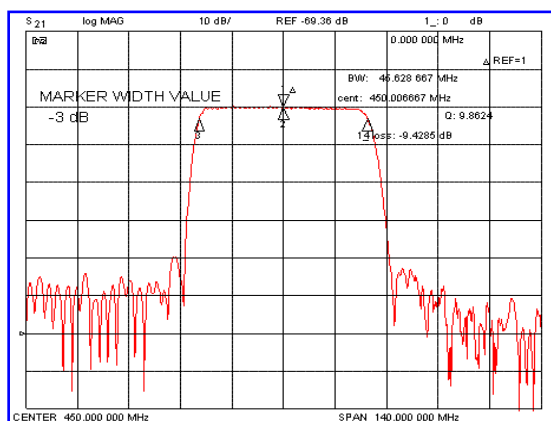


PRODUCT SPECIFICATION FOR INFORMATION

● Product Name : SAW BAND PASS FILTER

● Part No : M45040S

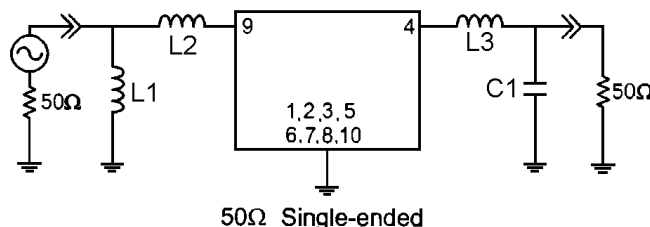
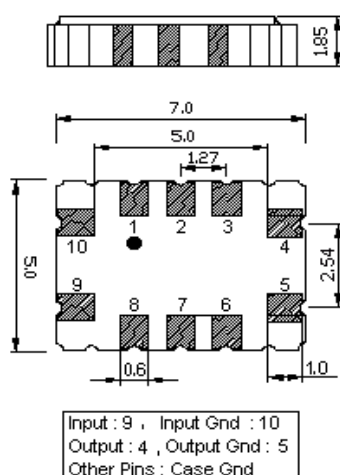
1. Typical Performance



2. Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	450.0	-
Insertion Loss	dB	-	9.42	11.00
1dB Bandwidth	MHz	42.50	43.0	-
3dB Bandwidth	MHz	-	45.62	-
40dB Bandwidth	MHz	-	55.50	56.0
Passband Ripple	dB	-	0.84	1.00
Group Delay Variation	nsec	-	35	70
Absolute Delay	μsec	-	0.40	-
Ultimate Attenuation	dB	35	45	-
Substrate Material	-	Yz-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

3. Dimension & Matching Configuration



L1=5.6nH, L2=2.8nH, L3=1.8nH, C1=7pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

