

2024. 11. 25.

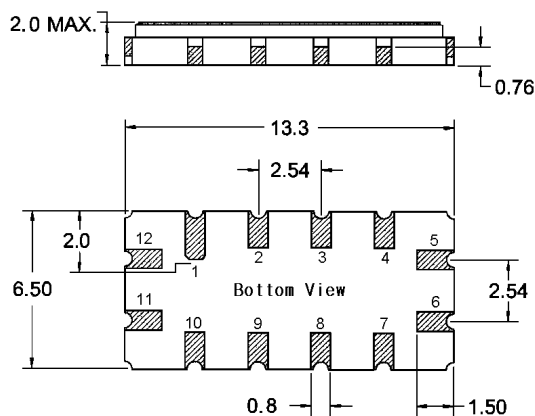
PRODUCT SPECIFICATION FOR INFORMATION

- Product Name : SAW BAND PASS FILTER
- Part No : M15009S

1. Specification

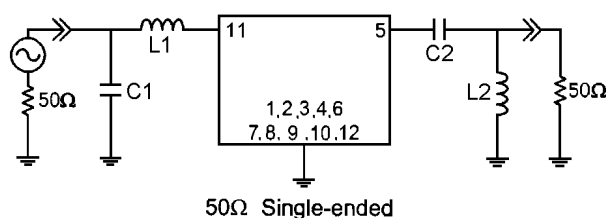
Item	Unit	Condition	Min	Typ	Max
Center Frequency	MHz	Fc	150		
1dB Bandwidth	MHZ		9.15	9.28	
3dB Bandwidth	MHZ			9.56	
15dB Bandwidth	MHz			10.25	10.40
40dB Bandwidth	MHz			10.90	
Insertion Loss	dB		-	24.0	26.0
Passband Ripple($F_o \pm 4.42\text{MHz}$)	dB			0.60	1.50
Passband Ripple($F_o \pm 4.50\text{MHz}$)	dB			0.60	1.50
Group Delay Variation($F_o \pm 4.42\text{MHz}$)	nSec			70	150
Group Delay Variation($F_o \pm 4.50\text{MHz}$)	nSec			70	150
Absolute Delay	μsec			1.67	
Ultimate Attenuation	dB		40	45	
Substrate Material	-		112-LiTaO ₃		
Temperature Coefficient	ppm/°C		-20		

■ Package Dimension



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

■ Matching Configuration



L1=18nH, L2=22nH, C1=56pF , C2=100pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

