

2023. 08. 03.

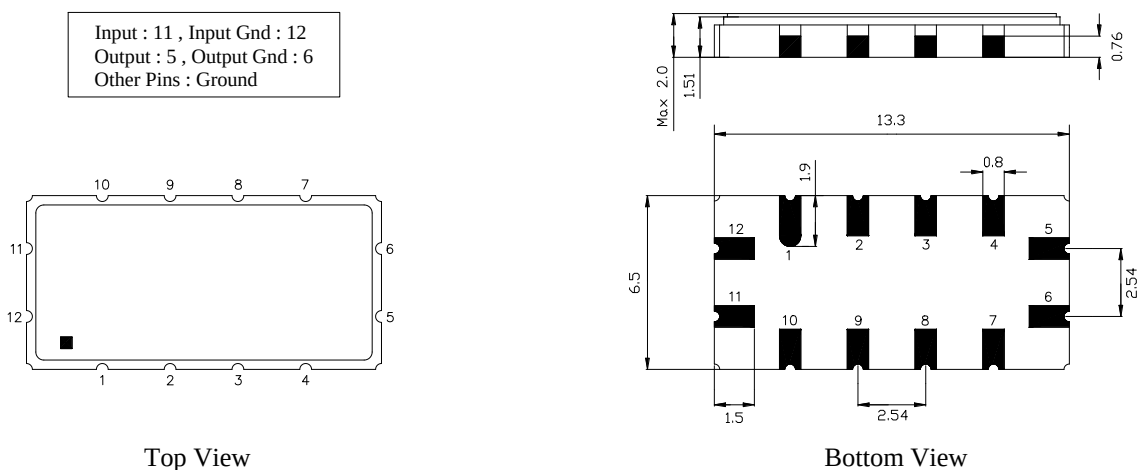
PRODUCT SPECIFICATION FOR INFORMATION

- Product Name : SAW BAND PASS FILTER
- Part No : M07012S

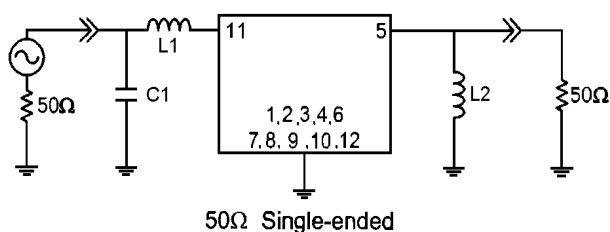
1. Specification

Item	Unit	Condition	Min	Typ	Max
Center Frequency	MHz	Fc	69.90	70.00	70.10
Bandwidth	MHz	@-1dB	1.20	1.52	
		@-3dB		1.98	
		@-40dB		3.83	4.00
Insertion Loss	dB	Pass Band	-	11.50	13.00
Passband Ripple($F_c \pm 0.5\text{MHz}$)	dB	Pass Band		0.55	0.80
Group Delay Variation($F_c \pm 0.9\text{MHz}$)	nSec			55	90
Absolute Delay Time	uSec			1.37	
Ultimate Attenuation	dB		40	50	
Substrate Material & T.C.F	ppm/°C	112-LiTaO ₃ / -18			
Terminating Impedance	Ω	50			
Operating Temperature	°C	-20 ~ +70			
Storage Temperature	°C	-40 ~ +85			
Maximum Input Power	dBm	+10			

■ Package Dimension



■ Matching Configuration



L1=100nH, L2=100nH, C1=43pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

