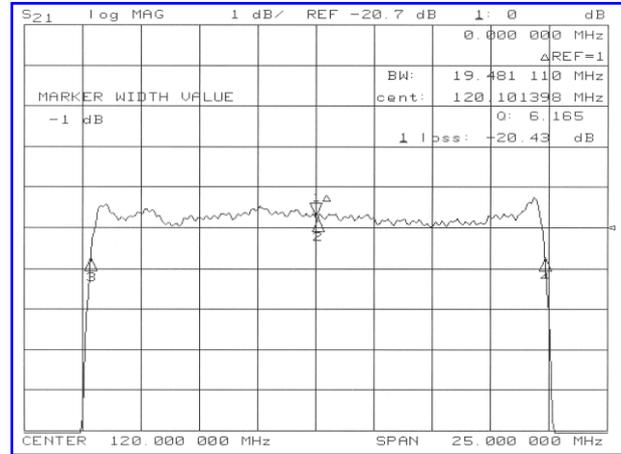
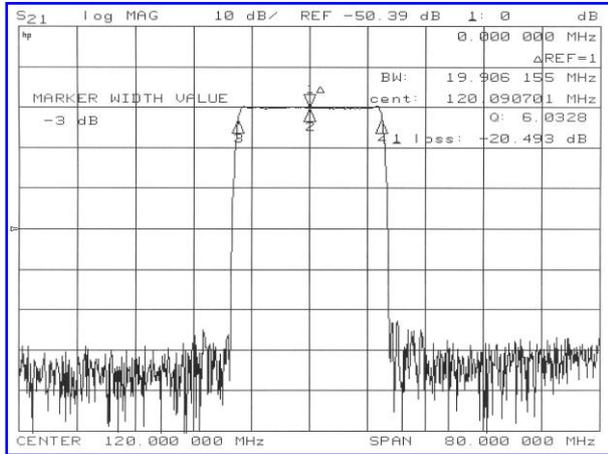


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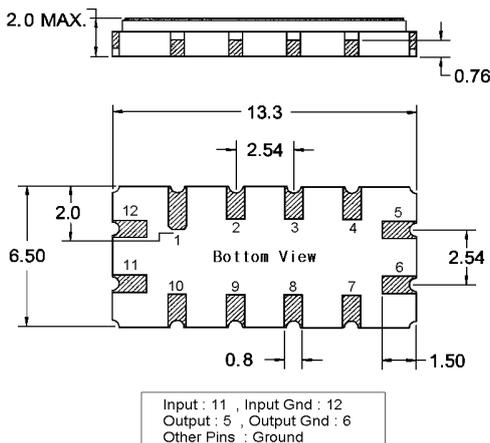
- Product Name : SAW BAND PASS FILTER
- Part No : M12019S



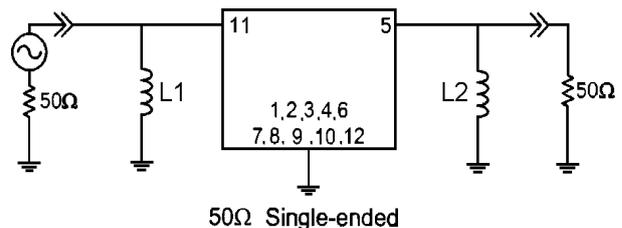
### 1. Specification

Item	Unit	Condition	Min	Typ	Max
Center Frequency	MHz	Fc	-	120	-
Insertion Loss	dB	Pass Band	-	20.5	22.0
1dB Bandwidth	MHz	-	-	19.48	-
3dB Bandwidth	MHz	-	19.6	19.9	-
40dB Bandwidth	MHz	-	-	21.77	22.00
Ripple	dB	Pass Band(Fc±9.22MHz)	-	0.62	1.0
Group Delay Variation	nS	Pass Band(Fc±9.22MHz)	-	35	80
Absolute Delay	uS	Pass Band	-	1.52	-
Ultimate Attenuation	dB	-	48	53	-
Fc±10.8MHz	dB	-	20	32	-
Substrate Material	-	128-LiNbO <sub>3</sub>			

#### ■ Package Dimension



#### ■ Matching Configuration



$L1=68\text{nH}, L2=1.5\text{nH}, L3=82\text{nH}$

Source / Load Impedance = 50Ω

Ambient Temperature = 25°C

