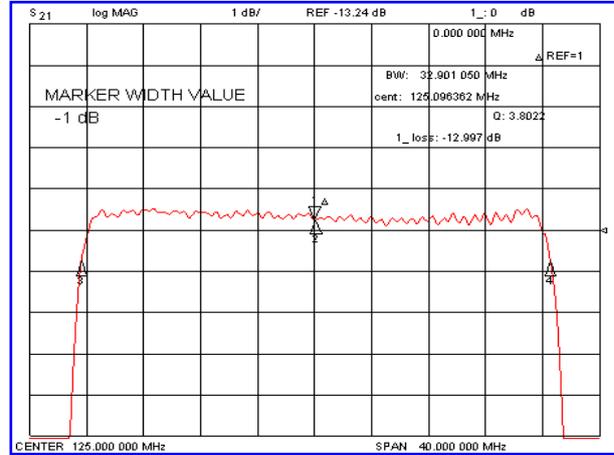
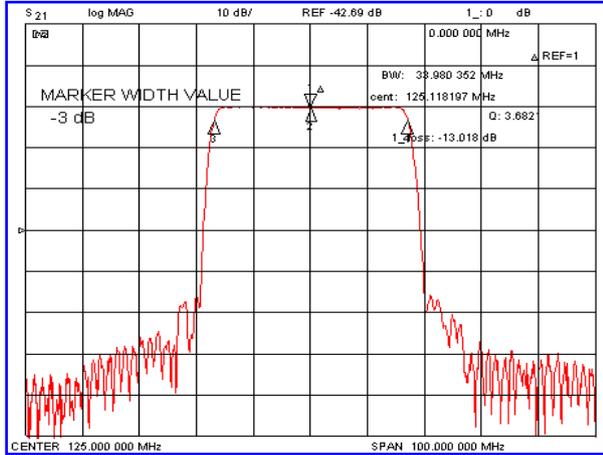


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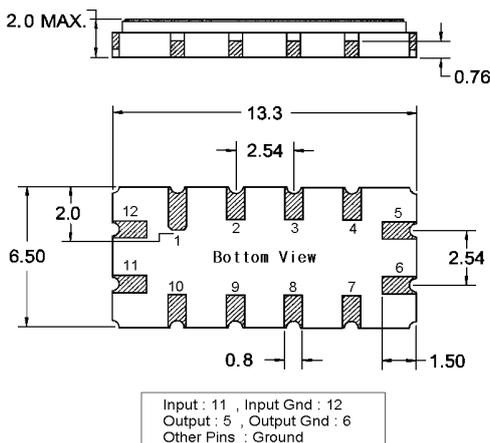
- Product Name : SAW BAND PASS FILTER
- Part No : M12532S



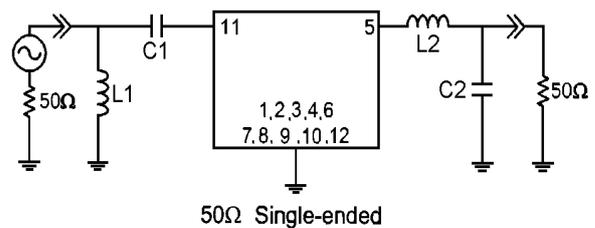
## 1. Specification

Item	Unit	Condition	Min	Typ	Max
Center Frequency	MHz	Fc	-	125	-
Insertion Loss	dB	Pass Band	-	13.0	15.0
1dB Bandwidth	MHz	-	32.5	32.9	-
3dB Bandwidth	MHz	-	-	33.98	-
40dB Bandwidth	MHz	-	-	38.9	39.5
Ripple	dB	Pass Band( $F_c \pm 15\text{MHz}$ )	-	0.45	1.0
Group Delay Variation	nS	Pass Band( $F_c \pm 15\text{MHz}$ )	-	30	50
Absolute Delay	uS	Pass Band	-	0.68	-
Ultimate Attenuation	dB	Atten	40	45	-
Substrate Material & T.C.E.	ppm/°C	Yz-LiNbO <sub>3</sub> -86			

## ■ Package Dimension



## ■ Matching Configuration



$$L1=27\text{nH}, L2=47\text{nH}, C1=220\text{pF}, C2=47\text{pF}$$

Source / Load Impedance = 50Ω

Ambient Temperature = 25°C

