

RADITEK INC.

Surface Acoustic Wave (SAW) Band Pass Filter 69.9-70.1MHz, Surface Mount RSAW-BPF-69.9-70.1M-1906-S

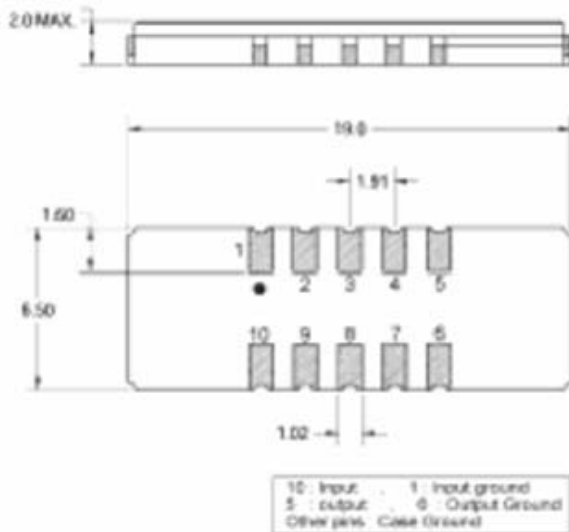
code-k

Equivalent to Sawtek Filter #854655

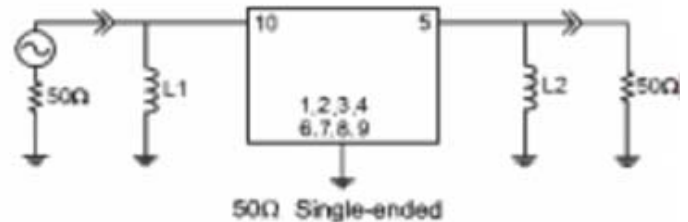
SPECIFICATIONS

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	69.90	70.00	70.10
Insertion Loss	dB	-	9.0	10.0
1dB Bandwidth	Mhz	2.00	2.23	-
3dB Bandwidth	Mhz	2.50	2.75	-
40dB Bandwidth	Mhz	-	4.40	4.70
Passband Ripple	dB	-	0.65	1.00
Phase Linearity	deg	-	6.0	9.0
Group Delay Variation	nsec	-	200	300
Absolute Delay	µsec	-	2.1	-
Ultimate Attenuation	dB	40	45	-
Substrate Material	-	LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

Package Dimension



Matching Configuration



L1=56nH, L2=82nH

Source / Load Impedance = 50Ω

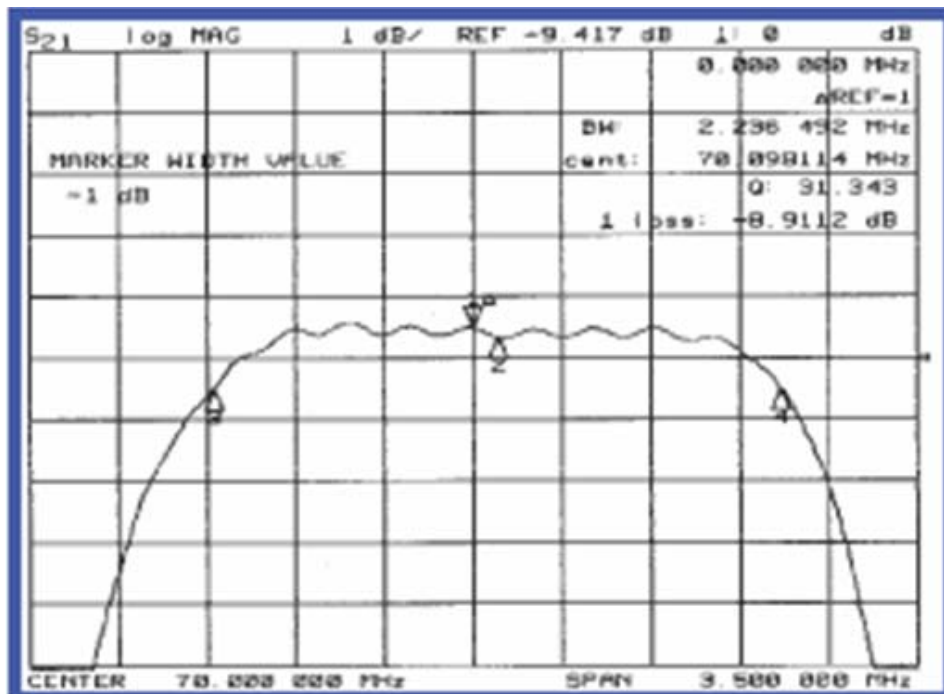
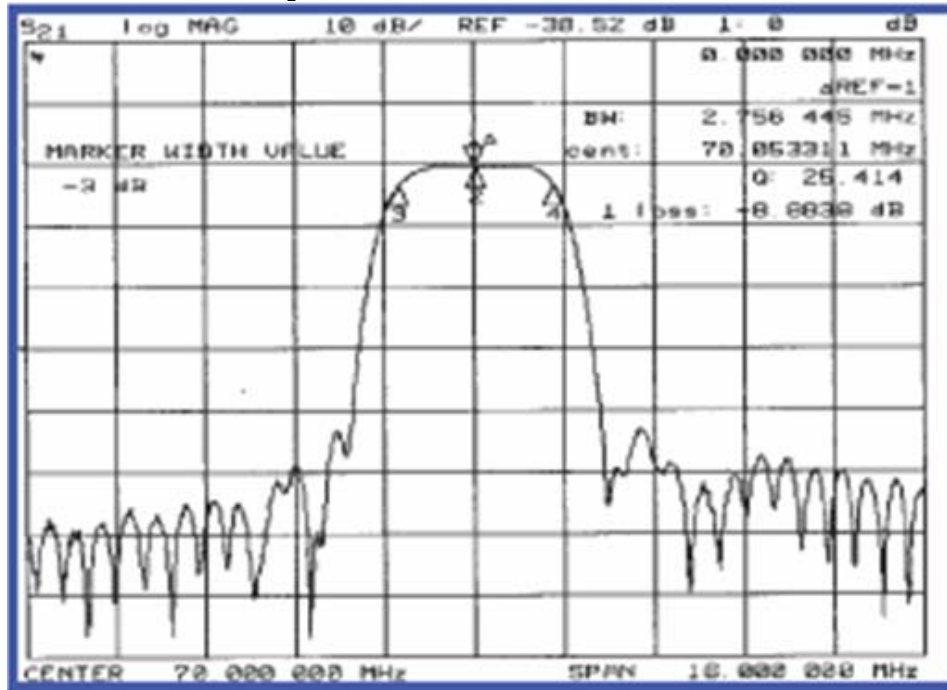
Ambient Temperature = 25°C

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RSAW-BPF-69.9-70.1M-1906-S-k **Specifications may be subject to change**

02/02/09

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