

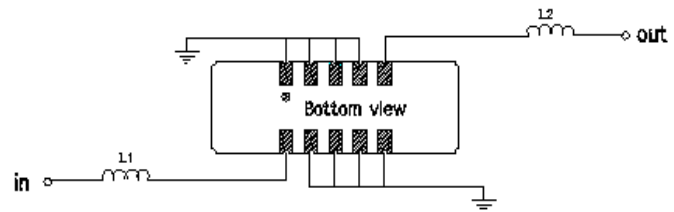
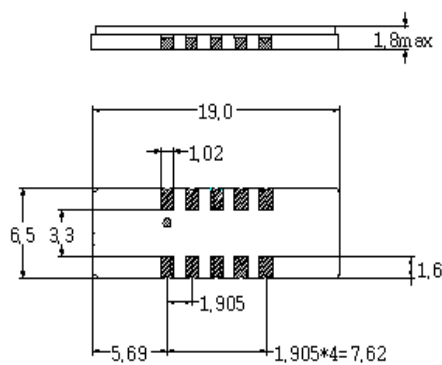
70 MHz/1.26 MHz B/W SAW Filter

162886

Specifications

Parameter	Unit	Min	Typical	Max
Center Frequency	MHz	69.97	70.00	70.03
Insertion Loss	dB	-	20.0	22.0
1 dB Bandwidth	MHz	1.26	1.30	-
40 dB Bandwidth	MHz	-	2.36	2.36
Attenuation at $F_o \pm 1.25$ MHz	dB	40	45	-
Attenuation at $F_o \pm 1.7$ MHz	dB	40	45	-
Passband Ripple at $F_o \pm 0.5$ MHz	dB	-	0.8	1.0
Phase Linearity	$^{\circ}$ rms	-	1.54	2.0
Absolute Delay	μ sec	-	206	-
Ultimate Rejection	dB	40	50	-
Substrate Material	-	-	Quartz	-
Ambient Temperature	$^{\circ}$ C	-	25	-

Package Outline



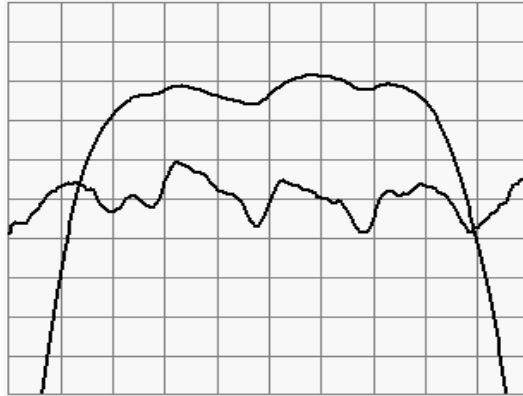
L1 = 470 nH , L2 = 470 nH

Source/Load Impedance = 50 Ω

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Typical Performance – Narrowband



Horizontal: 0.2 MHz/Div
Vertical: 1 dB/Div
Vertical 100 ns/Div

Typical Performance – Wideband



Horizontal: 0.5 MHz/Div
Vertical: 10 dB/Div

SAW PRODUCTS