

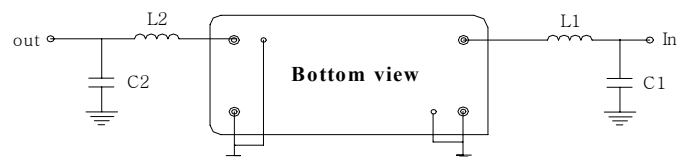
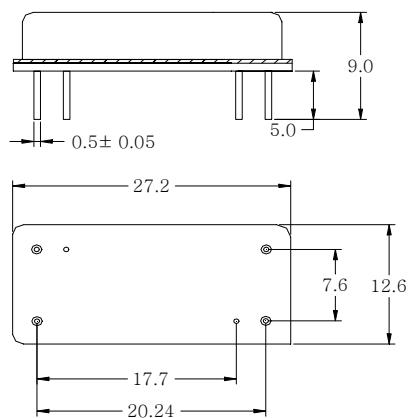
70 MHz Band Pass SAW Filter

163019

Specifications

Parameter	Unit	Min	Typical	Max
Center Frequency	MHz	69.93	70.00	70.07
Insertion Loss	dB	-	24.2	25.0
1 dB Bandwidth	MHz	25.5	25.7	-
3 dB Bandwidth	MHz	26.1	26.3	-
40 dB Bandwidth	MHz	-	28.4	28.7
Passband Ripple	dB	-	0.65	1.0
Ultimate Rejection	dB	50	55	-
Absolute Delay	µsec	-	1.876	-
Group Delay Variation	nsec	-	35	70
Substrate	-	128° LN		

Frequency Response



L1 = 220 nH, L2 = 27 nH
 C1 = 180 pF, C2 = 51 pF
 Source/Load Impedance = 50 Ω