

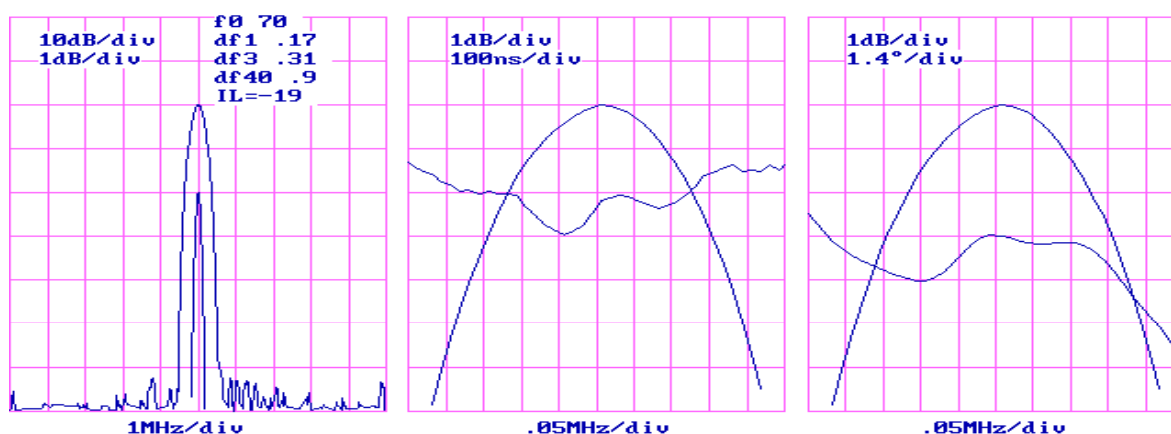
70 MHz Bandpass SAW Filter

250 KHz Bandwidth

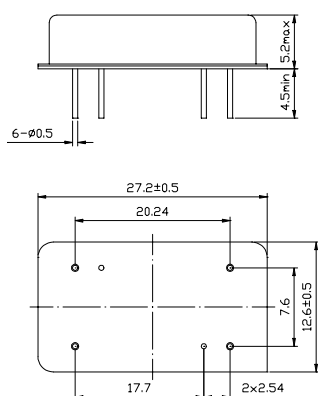
LBS7040

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.96	70	70.04	MHz
Insertion Loss at fc	IL	-	19.0	24.0	dB
1 dB Bandwidth	BW ₁	0.16	0.17	-	MHz
3 dB Bandwidth	BW ₃	0.25	0.30	-	MHz
40dB Bandwidth	BW ₄₀	-	0.93	1.0	MHz
Passband Variation	-	-	0.0	0.1	dB
Phase Linearity	-	-	1.4	3.0	Deg
Group Delay Variation	-	-	100	300	nsec
Absolute Delay	-	-	3.6	-	μsec
Ultimate Rejection	-	50	60	-	dB
Substrate Material	-	-	Quartz	-	-
Ambient Temperature	Ta	-	25	-	°C
Operating Temperature Range	To	-55	25	85	°C

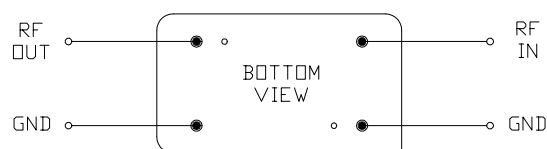
Typical Performance



Package Outline



Matching Configuration



No Matching Required

Nominal Source/Load Impedance : 50 Ω