

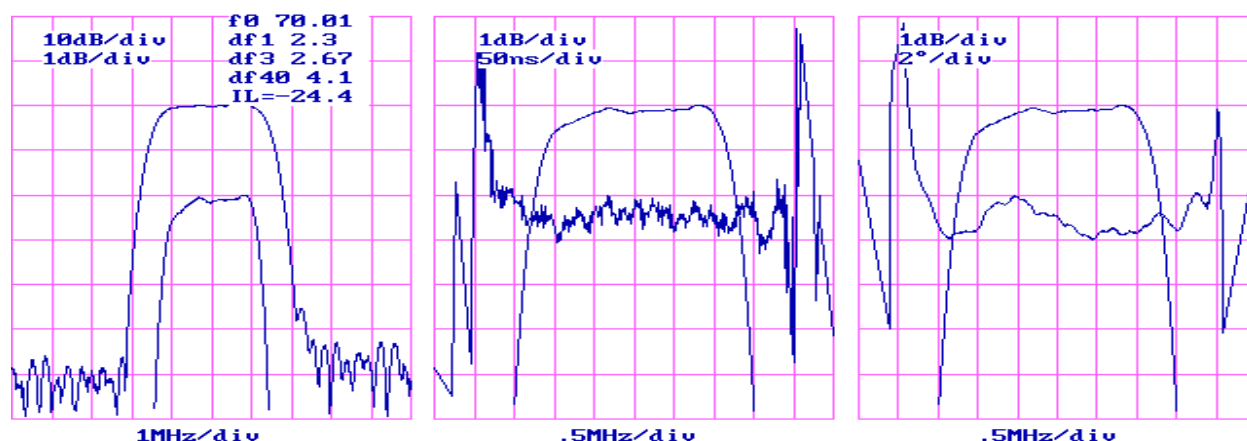
70 MHz Bandpass SAW Filter

2.5 MHz Bandwidth

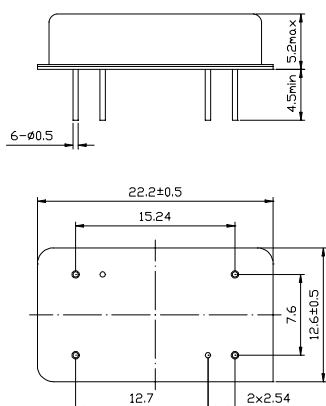
LBS7034

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.92	70	70.08	MHz
Insertion Loss at fc	IL	-	24.4	27.0	dB
1 dB Bandwidth	BW ₁	2.1	2.3	-	MHz
3 dB Bandwidth	BW ₃	2.5	2.6	-	MHz
40dB Bandwidth	BW ₄₀	-	4.1	4.4	MHz
Passband Variation	-	-	0.45	0.7	dB
Phase Linearity	-	-	2.0	4.0	Deg
Group Delay Variation	-	-	50	100	nsec
Absolute Delay	-	-	2.7	-	μsec
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	Quartz	-	-
Ambient Temperature	Ta	-	25	-	°C
Operating Temperature Range	To	-55	25	85	°C

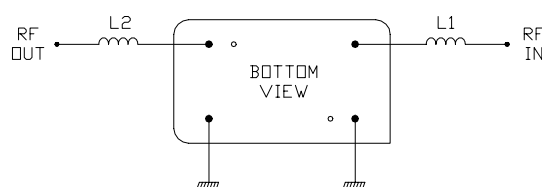
Typical Performance



Package Outline



Matching Configuration



L1 : 420 nH

L3 : 490 nH

Nominal Source/Load Impedance : 50 Ω