

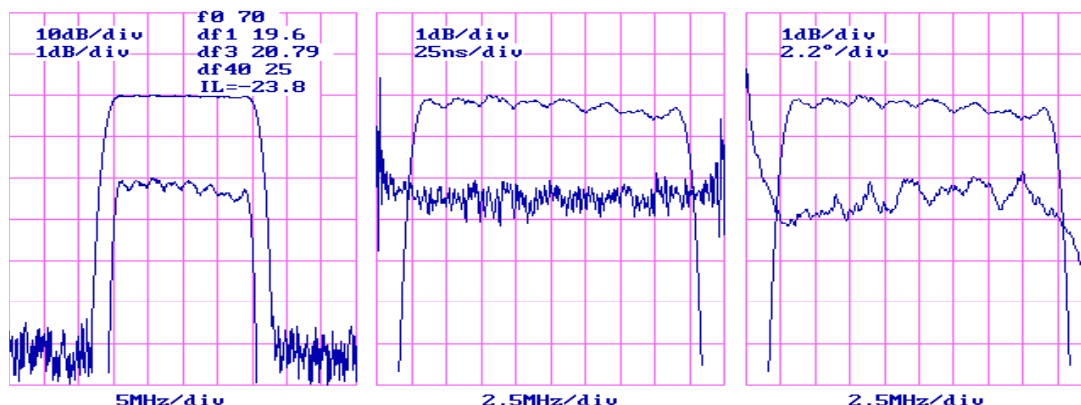
70 MHz Bandpass SAW Filter

20 MHz Bandwidth

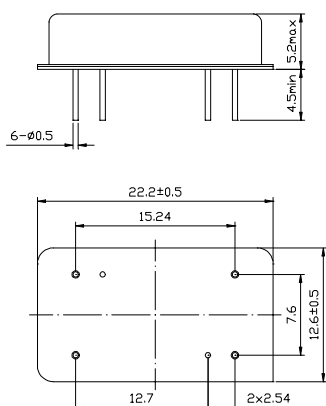
LBN7011

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.8	70	70.2	MHz
Insertion Loss at fc	IL	-	23.8	27.0	dB
1 dB Bandwidth	BW ₁	19.3	19.6	-	MHz
3 dB Bandwidth	BW ₃	20.0	20.7	-	MHz
40dB Bandwidth	BW ₄₀	-	25.0	25.4	MHz
Passband Variation	-	-	0.4	0.7	dB
Phase Linearity	-	-	2.2	4.0	Deg
Group Delay Variation	-	-	25	35	nsec
Absolute Delay	-	-	1.5	-	μsec
Ultimate Rejection	-	50	60	-	dB
Substrate Material	-	-	112-LiTaO ₃	-	-
Ambient Temperature	Ta	-	25	-	°C
Operating Temperature Range	To	-55	25	85	°C

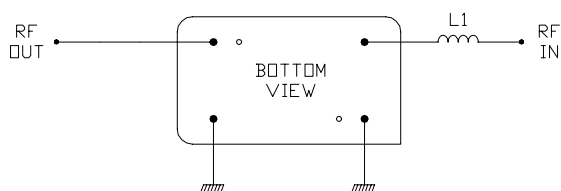
Typical Performance



Package Outline



Matching Configuration



L1 : 220 nH

Nominal Source/Load Impedance : 50 Ω