

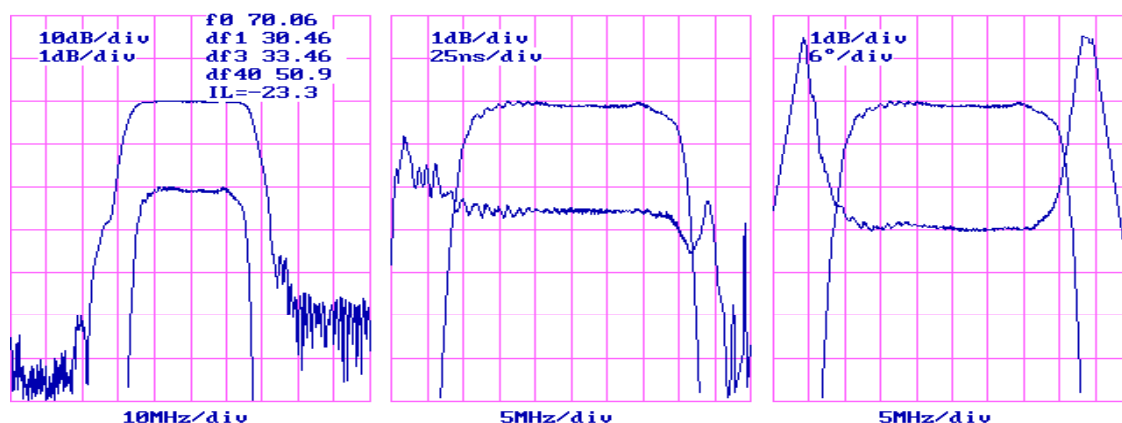
70 MHz Bandpass SAW Filter

32 MHz Bandwidth

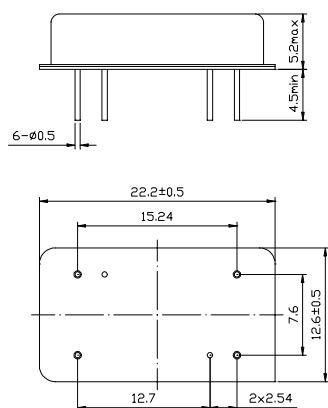
LBN7005

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.8	70	70.2	MHz
Insertion Loss at fc	IL	-	23.3	23.5	dB
1 dB Bandwidth	BW ₁	29.0	30.4	-	MHz
3 dB Bandwidth	BW ₃	32.0	33.4	-	MHz
40dB Bandwidth	BW ₄₀	-	50.9	51.0	MHz
Passband Variation	-	-	0.3	1.0	dB
Phase Linearity	-	-	6.0	7.0	Deg
Group Delay Variation	-	-	25	30	nsec
Absolute Delay	-	-	2	-	μsec
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	128-LiNbO ₃	-	-
Ambient Temperature	Ta	-	25	-	°C
Operating Temperature Range	To	-55	25	85	°C

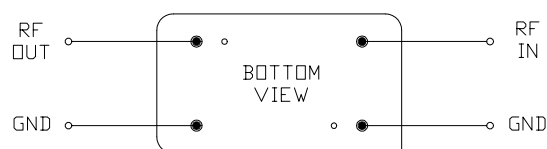
Typical Performance



Package Outline



Matching Configuration



No Matching Required

Nominal Source/Load Impedance : 50 Ω