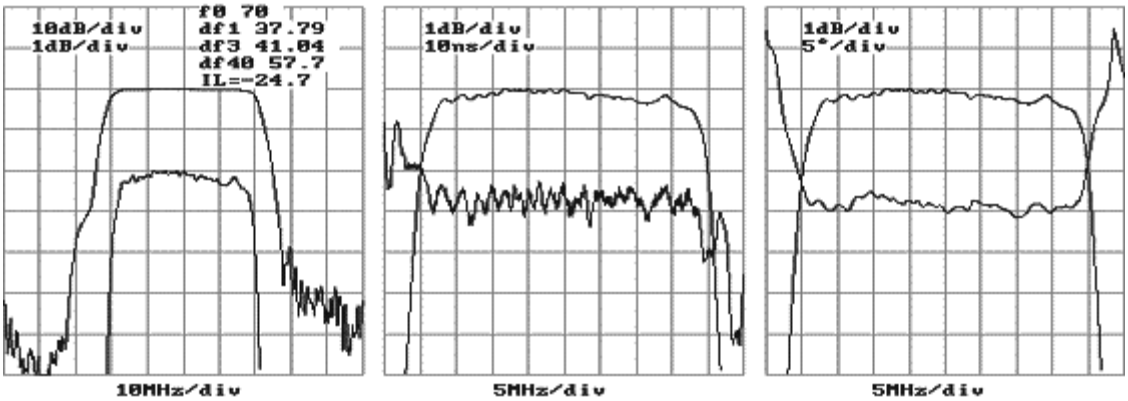
70 MHz Bandpass SAW Filter

40 MHz Bandwidth

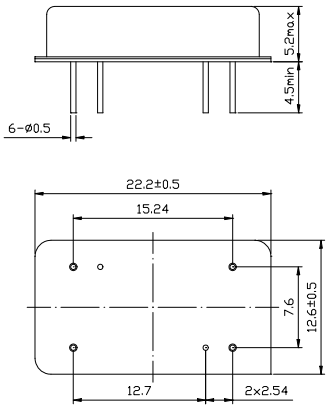
BP60010

Electronic Characteristics					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.5	70	70.5	MHz
Insertion Loss at fc	IL	-	24.7	26.0	dB
1 dB Bandwidth	BW_1	36.6	37.8	-	MHz
3 dB Bandwidth	BW_3	40.0	41.0	-	MHz
40dB Bandwidth	BW_{40}	-	57.7	59.6	MHz
Passband Variation	-	-	0.36	0.70	dB
Phase Linearity	-	-	5.0	8.0	Deg
Group Delay Variation	-	-	15	30	nsec
Absolute Delay	-	-	2	-	µsec
Ultimate Rejection	-	40	45	-	dB
Substrate Material	-	-	128-$LiNbO_3$	-	-
Ambient Temperature	Ta	-	25	-	°C

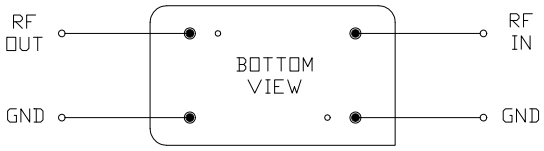
Typical Performance



Package Outline



Matching Configuration



No Matching Required

Nominal Source/Load Impedance : 50 Ω

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