

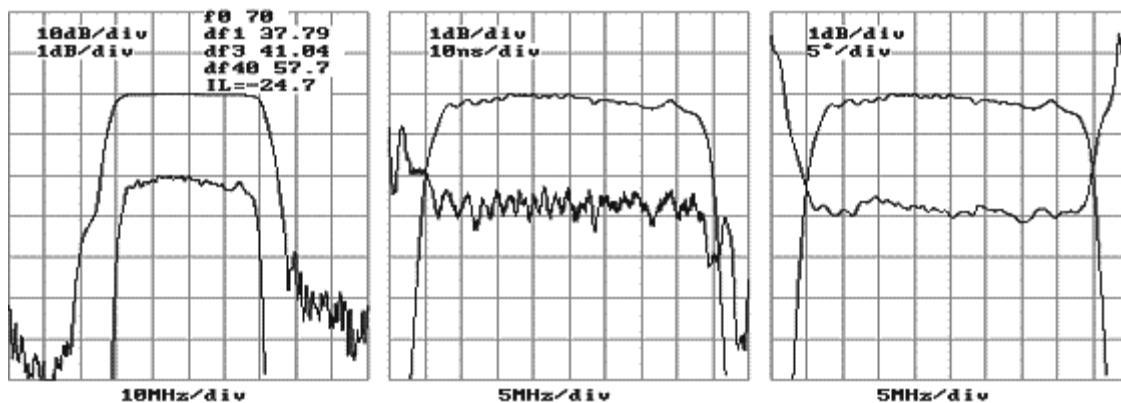
# 70 MHz Bandpass SAW Filter

40 MHz Bandwidth

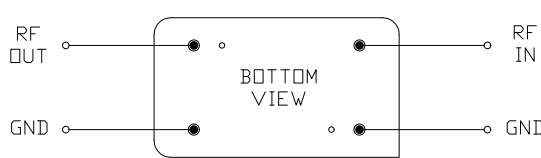
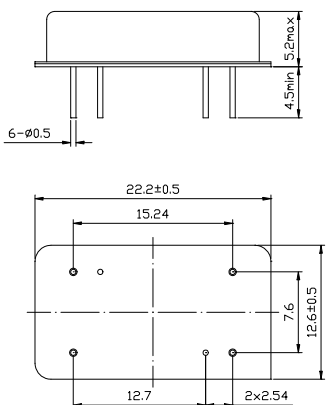
## BP60010

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 <sub>1</sub>	36.6	37.8	-	MHz
3 dB Bandwidth	BW <sub>3</sub>	40.0	41.0	-	MHz
40dB Bandwidth	BW <sub>40</sub>	-	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 <sub>3</sub>	-	-
Ambient Temperature	Ta	-	25	-	°C

### Typical Performance



Package Outline
Matching Configuration



No Matching Required  
Nominal Source/Load Impedance : 50 Ω