

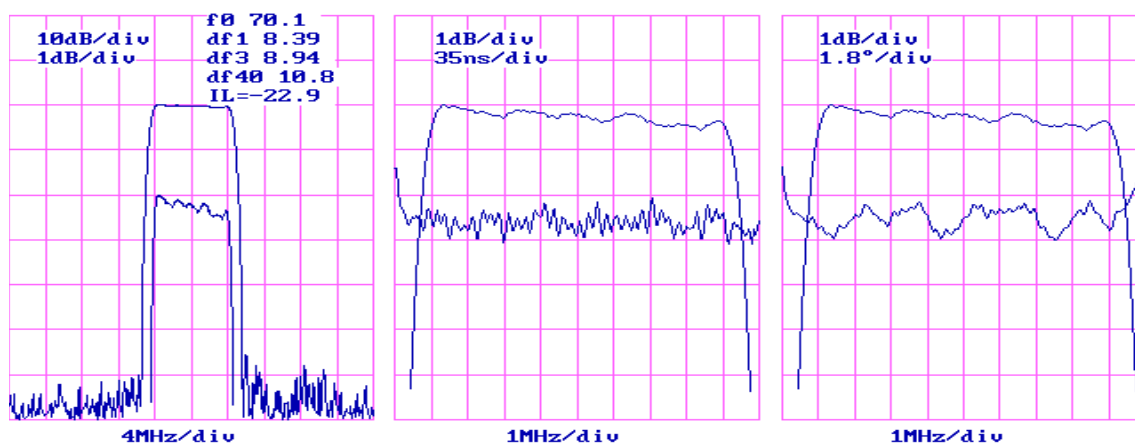
70 MHz Bandpass SAW Filter

8.5 MHz Bandwidth

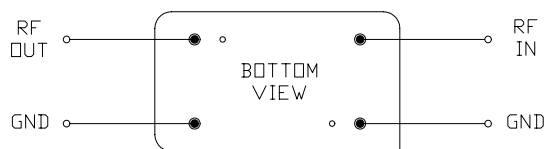
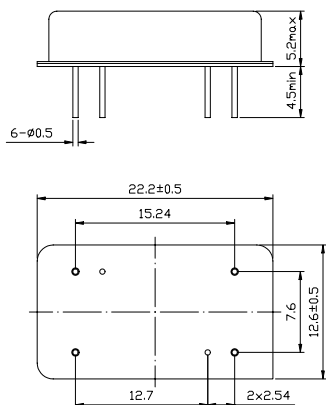
BP60220

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.89	70	70.11	MHz
Insertion Loss at fc	IL	-	22.9	25.0	dB
1 dB Bandwidth	BW ₁	8.0	8.3	-	MHz
3 dB Bandwidth	BW ₃	8.5	8.9	-	MHz
40dB Bandwidth	BW ₄₀	-	10.8	11.1	MHz
Passband Variation	-	-	0.5	0.8	dB
Phase Linearity	-	-	1.8	5.0	Deg
Group Delay Variation	-	-	35	60	nsec
Absolute Delay	-	-	2.0	-	μsec
Ultimate Rejection	-	50	60	-	dB
Substrate Material	-	-	YZ-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