

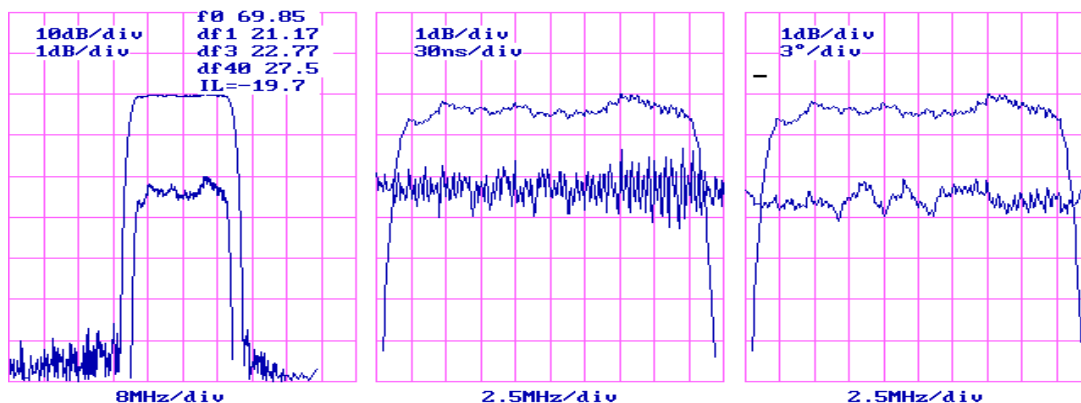
70 MHz Bandpass SAW Filter

22 MHz Bandwidth

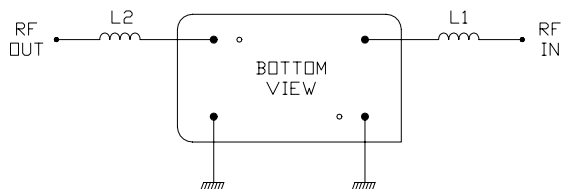
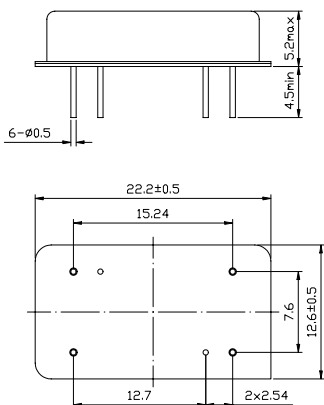
BP60100

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.8	70	70.2	MHz
Insertion Loss at fc	IL	-	19.7	23.0	dB
1 dB Bandwidth	BW ₁	20.6	21.1	-	MHz
3 dB Bandwidth	BW ₃	22.0	22.7	-	MHz
40dB Bandwidth	BW ₄₀	-	27.5	28.2	MHz
Passband Variation	-	-	0.5	0.8	dB
Phase Linearity	-	-	3.0	5.0	Deg
Group Delay Variation	-	-	30	45	nsec
Absolute Delay	-	-	1.4	-	μsec
Ultimate Rejection	-	55	60	-	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



L1 : 353 nH L2 : 320 nH
 Nominal Source/Load Impedance : 50 Ω