

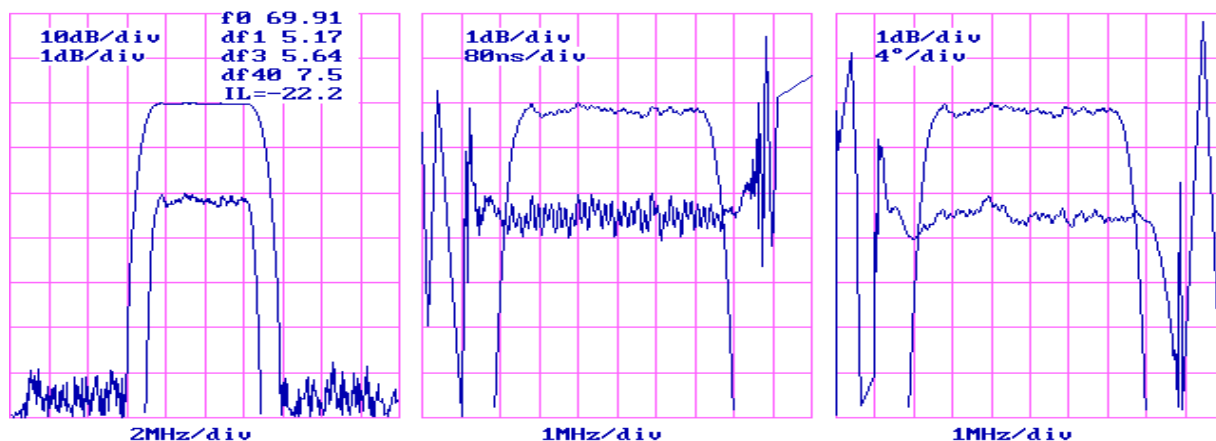
70 MHz Bandpass SAW Filter

5.5 MHz Bandwidth

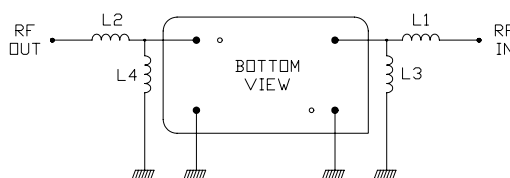
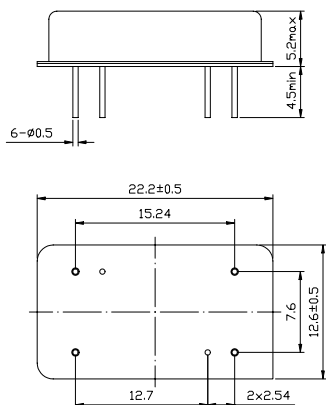
BP60280

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.91	70	70.09	MHz
Insertion Loss at fc	IL	-	22.2	25.0	dB
1 dB Bandwidth	BW ₁	5.0	5.15	-	MHz
3 dB Bandwidth	BW ₃	5.5	5.6	-	MHz
40dB Bandwidth	BW ₄₀	-	7.5	7.7	MHz
Passband Variation	-	-	0.3	0.8	dB
Phase Linearity	-	-	4.0	8.0	Deg
Group Delay Variation	-	-	80	140	nsec
Absolute Delay	-	-	3.0	-	μsec
Ultimate Rejection	-	50	60	-	dB
Substrate Material	-	-	112-LiTaO ₃	-	-
Ambient Temperature	Ta	-	25	-	°C
Operating Temperature Range	To	-55	25	85	°C

Typical Performance



Package Outline Matching Configuration



L1 : L2 : 168 nH
 L3 : L4 : 338 nH
 Nominal Source/Load Impedance : 50 Ω