

70 MHz Bandpass SAW Filter

26 MHz Bandwidth

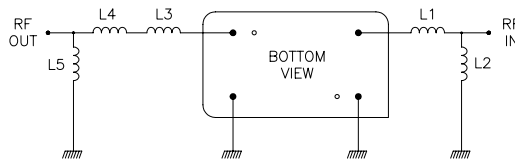
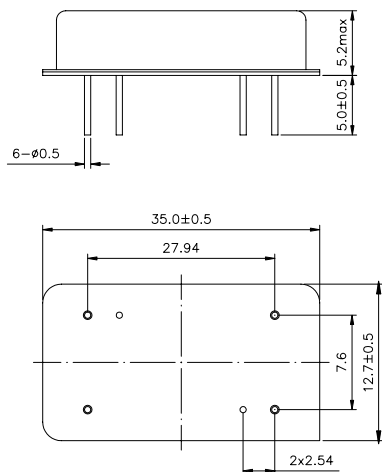
BP60500

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.95	70	70.05	MHz
Insertion Loss at fc	IL	-	24.5	25.0	dB
1dB Bandwidth	BW ₁	-	25.63	-	MHz
3dB Bandwidth	BW ₃	26.00	26.22	-	MHz
40dB Bandwidth	BW ₄₀	-	28.56	28.90	MHz
Passband Variation	-	-	0.6	1.0	dB
Absolute Delay	-	-	1.805	-	μsec
Group Delay Variation	-	-	40	-	nsec
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	128-LiNbO ₃	-	-
Ambient Temperature	Ta	-	25	-	°C

Typical Performance



Package Outline
Matching Configuration



L1 : 180 nH, L2 : 220 nH L3 : 150 nH
 L4 : 18 nH L5 : 180 nH
 Nominal Source/Load Impedance : 50 Ω