

70 MHz Bandpass SAW Filter

6 MHz Bandwidth

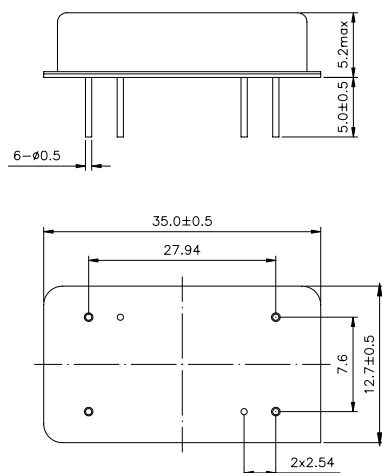
BP60540

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.95	70	70.05	MHz
Insertion Loss at fc	IL	-	22.9	25.0	dB
3 dB Bandwidth	BW ₃	6.0	6.135	-	MHz
20dB Bandwidth	BW ₂₀	-	6.70	6.80	MHz
30dB Bandwidth	BW ₃₀	-	6.86	7.00	MHz
40dB Bandwidth	BW ₄₀	-	6.975	7.20	MHz
Passband Variation	-	-	0.9	1.2	dB
Absolute Delay	-	-	3.72	-	μsec
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	YZ-LiNbO ₃	-	-
Ambient Temperature	Ta	-	25	-	°C
Operating Temperature Range	To	-55	25	85	°C

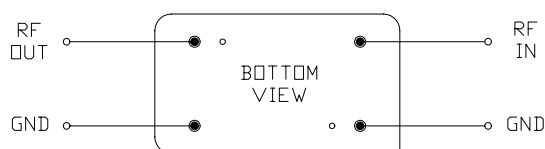
Typical Performance



Package Outline



Matching Configuration



No Matching Required

Nominal Source/Load Impedance : 50 Ω