

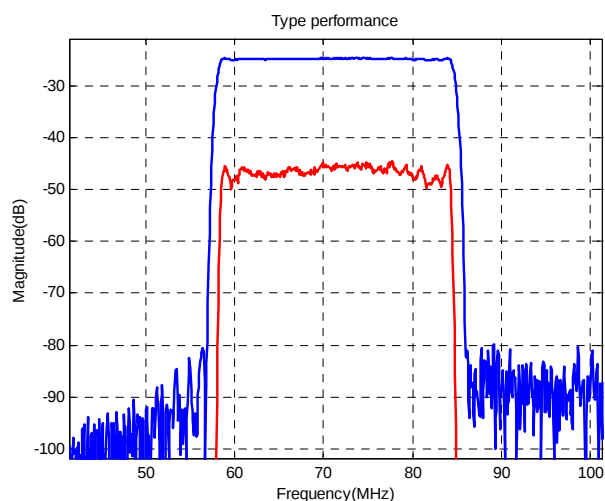
70 MHz Bandpass SAW Filter

25.85 MHz Bandwidth

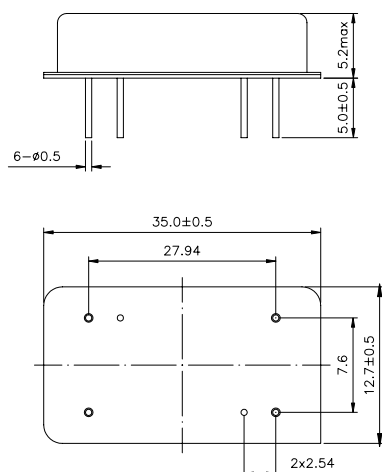
BP60490

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	26.0	dB
3dB Bandwidth	BW3	25.85	26.03	-	MHz
20dB Bandwidth	BW20	-	27.47	-	MHz
30dB Bandwidth	BW30	-	27.87	-	MHz
40dB Bandwidth	BW40	-	28.15	28.5	MHz
Passband Variation	-	-	0.5	1.0	dB
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	YZ-LiNbO ₃	-	-
Ambient Temperature	Ta	-	25	-	°C
Operating Temperature Range	To	-55	25	85	°C

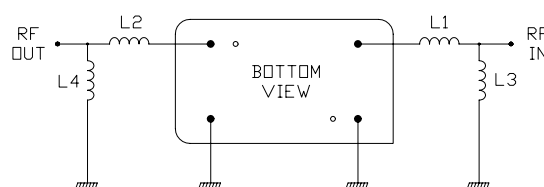
Typical Performance



Package Outline



Matching Configuration



L1 : 120 nH L2 : 124 nH

L3 : 120 nH L4 : 180 nH

Nominal Source/Load Impedance : 50 Ω