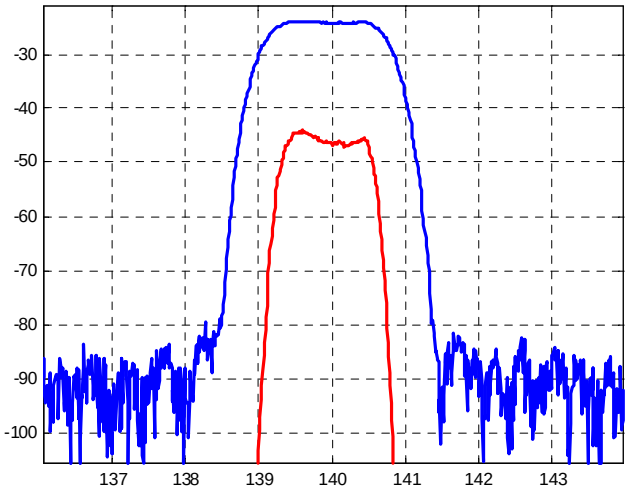
140 MHz Bandpass SAW Filter

1.6 MHz Bandwidth

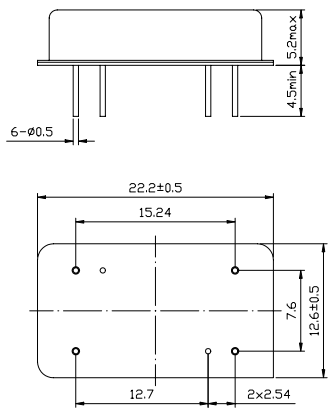
BP62330

Electrical Characteristics					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	139.95	140	140.05	MHz
Insertion Loss at fc	IL	-	24.06	25.0	dB
1 dB Bandwidth	BW_1	-	1.34	-	MHz
3 dB Bandwidth	BW_3	1.60	1.61	-	MHz
40dB Bandwidth	BW_{40}	-	2.68	2.70	MHz
Passband Variation	-	-	0.3	1.0	dB
Absolute Delay	-	-	2.23	-	µsec
Ultimate Rejection	-	45	50	-	dB
Substrate Material	-	-	Quartz	-	-
Ambient Temperature	Ta	-	25	-	°C

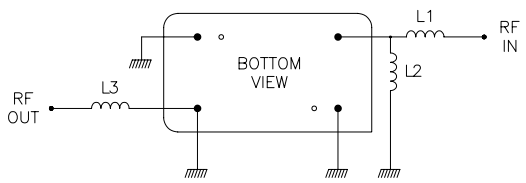
Typical Performance



Package Outline



Matching Configuration



L1 : 68 nH, L2 : 220 nH

L3 : 68 nH

Nominal Source/Load Impedance : 50 Ω