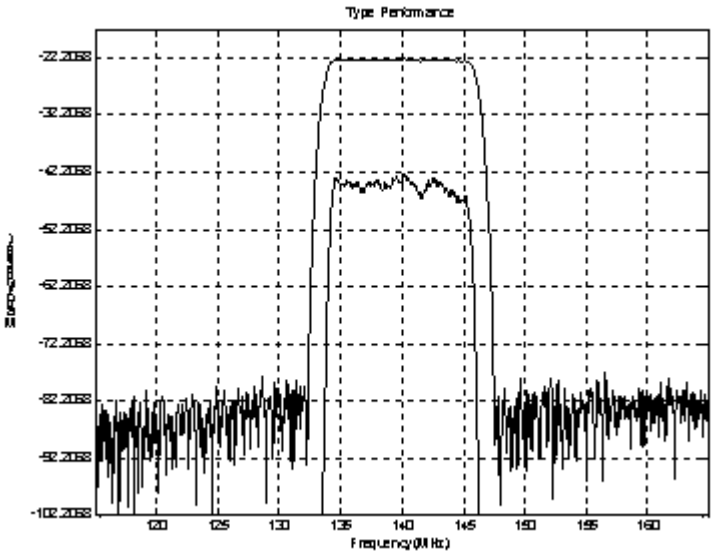
140 MHz Bandpass SAW Filter

12 MHz Bandwidth

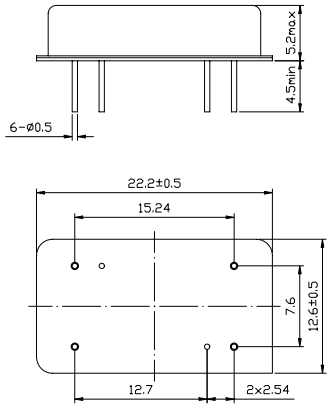
BP62160

Electrical Characteristics					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	139.8	140	140.2	MHz
Insertion Loss at fc	IL	-	22.2	25.0	dB
1dB Bandwidth	BW_1	11.10	11.46	-	MHz
3 dB Bandwidth	BW_3	12.0	12.18	-	MHz
40dB Bandwidth	BW_{40}	-	14.69	15.0	MHz
Passband Variation	-	-	0.60	0.75	dB
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	YZ-$LiNbO_3$	-	-
Ambient Temperature	Ta	-	25	-	°C
Operatable Temperature Range	To	-45	-	85	°C

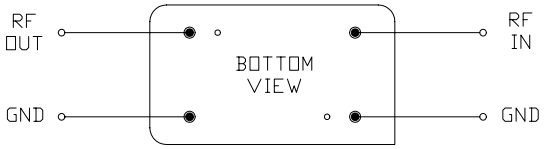
Typical Performance



Package Outline



Matching Configuration



No Matching Required

Nominal Source/Load Impedance : 50 Ω

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