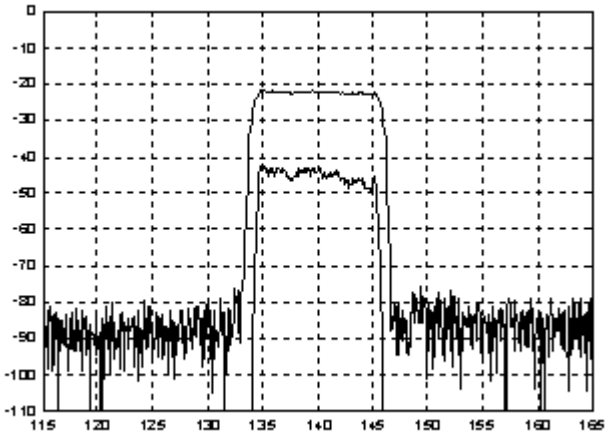
140 MHz Bandpass SAW Filter

11.37 MHz Bandwidth

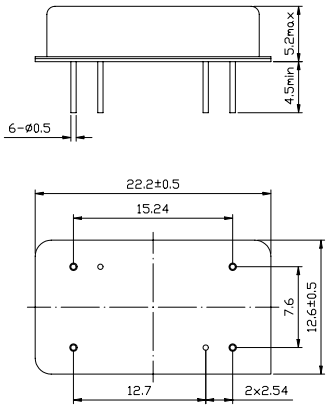
BP62171

Electrical Characteristics					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	139.85	140.00	140.15	MHz
Insertion Loss at fc	IL	-	22.3	25.0	dB
1 dB Bandwidth	BW_1	10.8	10.9	-	MHz
3 dB Bandwidth	BW_3	-	11.37	-	MHz
40dB Bandwidth	BW_{40}	-	13.02	-	MHz
55dB Bandwidth	BW_{55}	-	13.30	-	MHz
Passband Variation	-	-	0.5	0.9	dB
Phase Linearity	-	-	3	5	Deg
Group Delay Variation	-	-	50	100	nsec
Absolute Delay	-	-	1.87	-	µsec
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	YZ-$LiNbO_3$	-	-
Ambient Temperature	Ta	-	25	-	°C

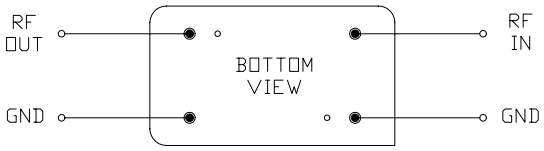
Typical Performance



Package Outline



Matching Configuration



No Matching Required

Nominal Source/Load Impedance : 50 Ω

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