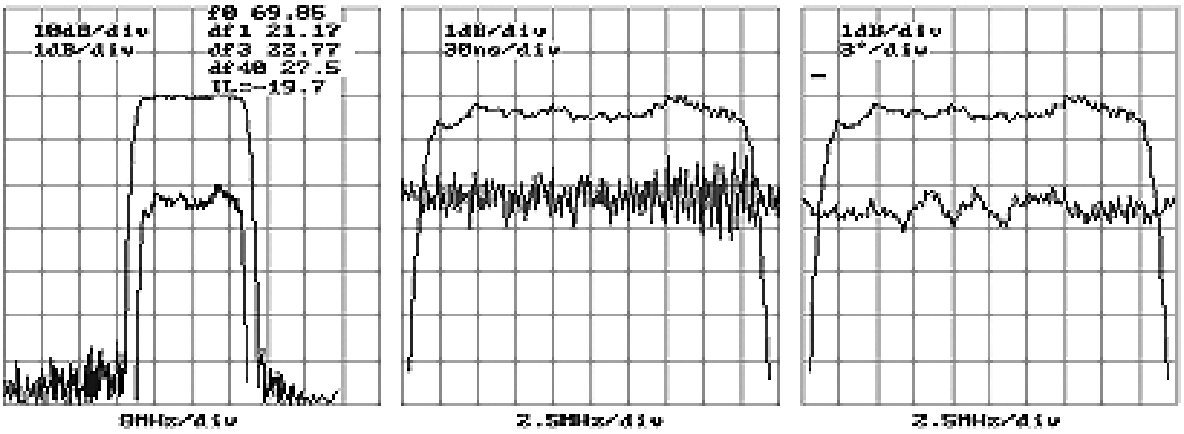
70 MHz Bandpass SAW Filter

22 MHz Bandwidth

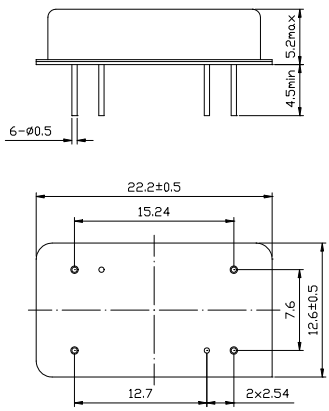
BP60100

SPECIFICATIONS					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	f_c	69.8	70	70.2	MHz
Insertion Loss at f_c	*IL*	-	19.7	23.0	dB
1 dB Bandwidth	BW_1	20.6	21.1	-	MHz
3 dB Bandwidth	BW_3	22.0	22.7	-	MHz
40dB Bandwidth	BW_{40}	-	27.5	28.2	MHz
Passband Variation	-	-	0.5	0.8	dB
Phase Linearity	-	-	3.0	4.0	Deg
Group Delay Variation	-	-	30	45	nsec
Absolute Delay	-	-	1.4	-	µsec
Ultimate Rejection	-	55	60	-	dB
Substrate Material	-	-	128-LiNbO3	-	-
Ambient Temperature	T_a	-	25	-	°C
Package Size	DIP 2212 (22.2 × 12.8 × 5.2 mm)				

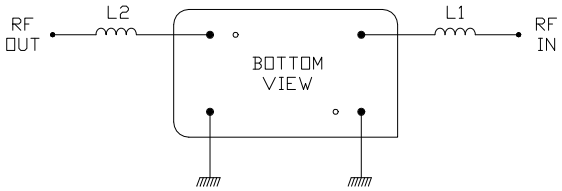
TYPICAL PERFORMANCE



PACKAGE OUTLINE



MATCHING CONFIGURATION



L1 : 353 nH L2 : 270 nH

Nominal Source/Load Impedance : 50 Ω

Note: Component values may change depending on board

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