

70 MHz Bandpass SAW Filter

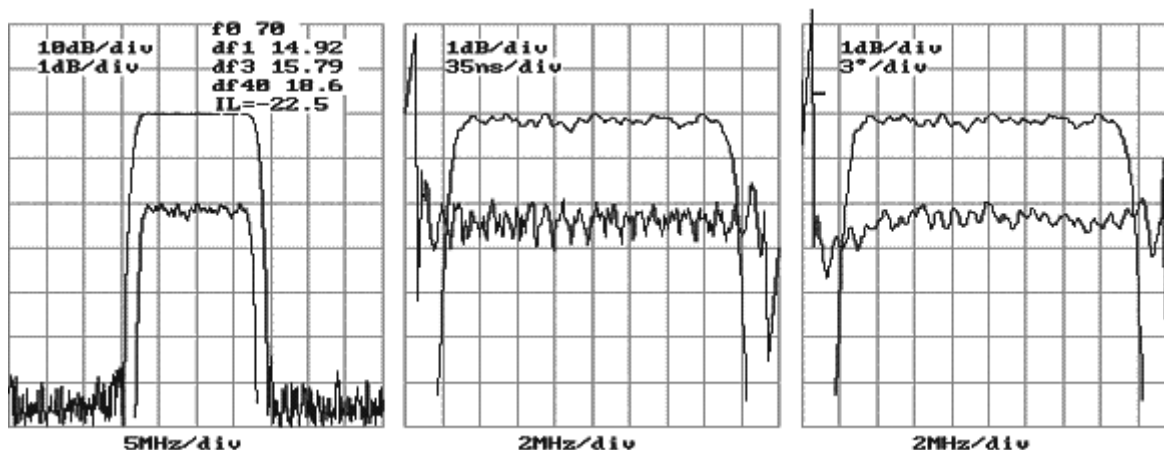
BP60140

15 MHz Bandwidth

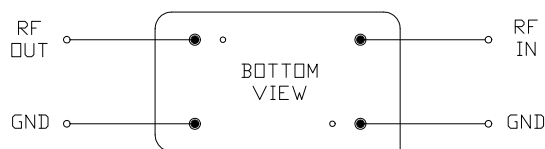
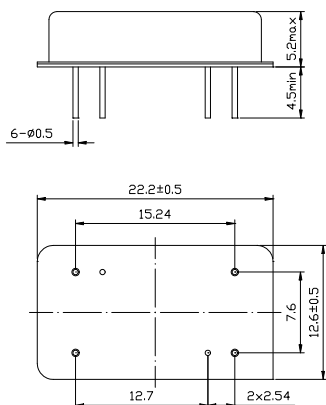
Complies with Directive 2002/95/EC (RoHS Compliant)

Electronic Characteristics					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	f_c	69.85	70.00	70.15	MHz
Insertion Loss at f_c	IL	-	21.8	25.0	dB
1 dB Bandwidth	BW_1	14.6	14.97	-	MHz
3 dB Bandwidth	BW_3	15.0	15.7	-	MHz
40dB Bandwidth	BW_{40}	-	18.6	19.2	MHz
Passband Variation	-	-	0.3	0.7	dB
Phase Linearity	-	-	3.0	5.0	Deg
Group Delay Variation	-	-	30	60	nsec
Absolute Delay	-	-	1.5	-	μ sec
Ultimate Rejection	-	50	60	-	dB
Substrate Material	-	-	128-LiNbO ₃	-	-
Ambient Temperature	T_a	-	25	-	°C

Typical Performance



Package Outline
Matching Configuration



No Matching Required
Nominal Source/Load Impedance : 50 Ω

Note: Component values may change depending on board