

70 MHz Bandpass SAW Filter

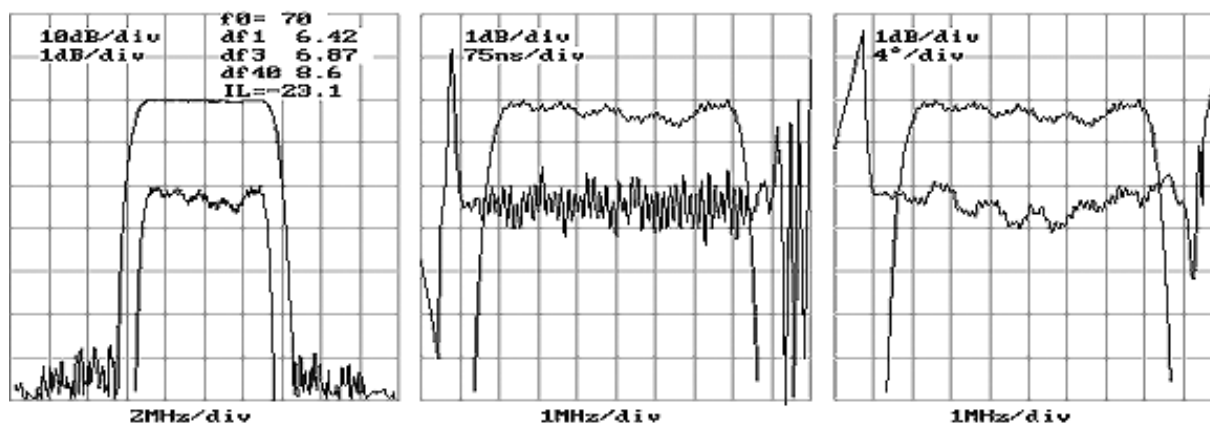
BP60260

6.5 MHz Bandwidth

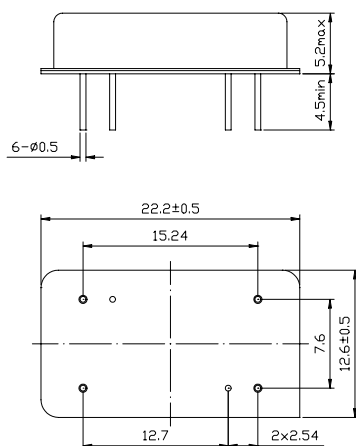
Complies with Directive 2002/95/EC (RoHS Compliant)

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.9	70	70.1	MHz
Insertion Loss at fc	IL	-	23	25	dB
1 dB Bandwidth	BW ₁	6.0	6.4	-	MHz
3 dB Bandwidth	BW ₃	6.5	6.8	-	MHz
40dB Bandwidth	BW ₄₀	-	8.6	8.9	MHz
Passband Variation	-	-	0.5	0.8	dB
Phase Linearity	-	-	4.0	6.0	Deg
Group Delay Variation	-	-	80	100	nsec
Absolute Delay	-	-	3.0	-	μsec
Ultimate Rejection	-	50	60	-	dB
Substrate Material	-	-	112-LiTaO ₃	-	-
Ambient Temperature	T _a	-	25	-	°C
Operating Temperature Range	T _o	-55	25	85	°C

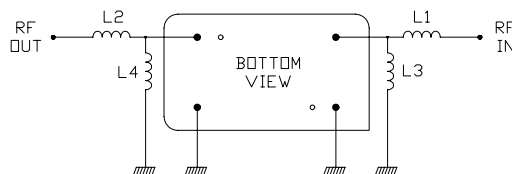
Typical Performance



Package Outline



Matching Configuration



L1 : 320 nH, L2 : 388 nH

L3 : L4 : 270 nH

Nominal Source/Load Impedance : 50 Ω

Note: Component values may change depending on board