

70 MHz Bandpass SAW Filter

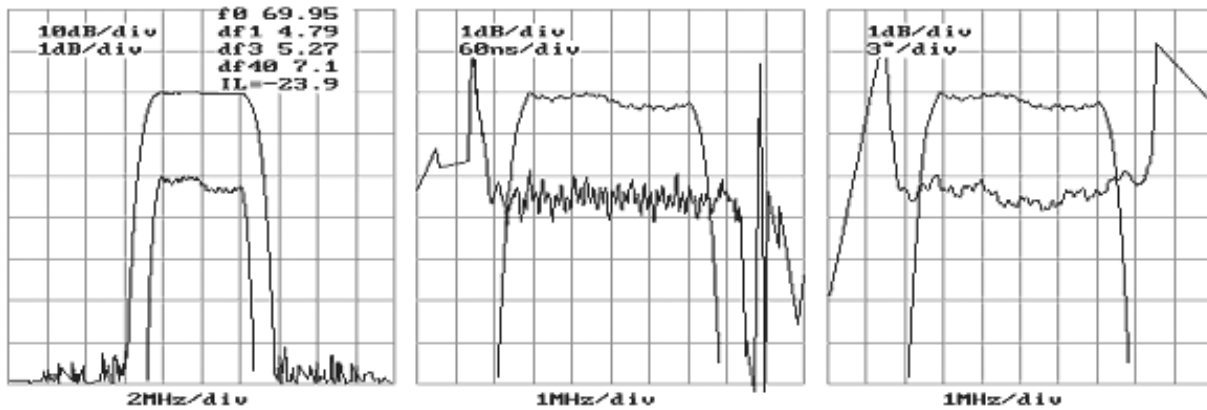
BP60290

5 MHz Bandwidth

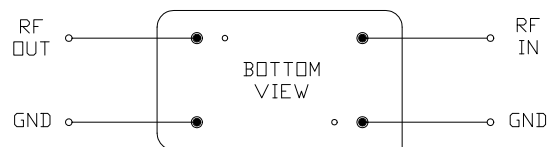
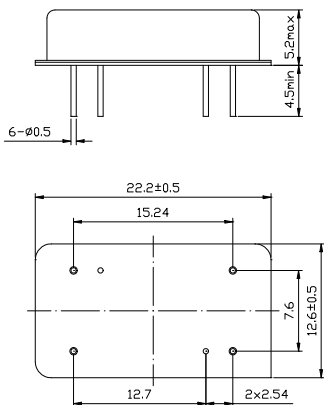
Complies with Directive 2002/95/EC (RoHS Compliant)

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.91	70	70.09	MHz
Insertion Loss at fc	IL	-	23.9	26.0	dB
1 dB Bandwidth	BW ₁	4.6	4.8	-	MHz
3 dB Bandwidth	BW ₃	5.0	5.2	-	MHz
40dB Bandwidth	BW ₄₀	-	7.1	7.5	MHz
Passband Variation	-	-	0.4	0.8	dB
Phase Linearity	-	-	2.0	6.0	Deg
Group Delay Variation	-	-	50	100	nsec
Absolute Delay	-	-	1.9	-	μsec
Ultimate Rejection	-	50	60	-	dB
Substrate Material	-	-	YZ-LiNbO ₃	-	-
Ambient Temperature	Ta	-	25	-	°C
Operating Temperature Range	To	-40	-	85	°C

Typical Performance



Package Outline
Matching Configuration



No Matching Required
Nominal Source/Load Impedance : 50 Ω