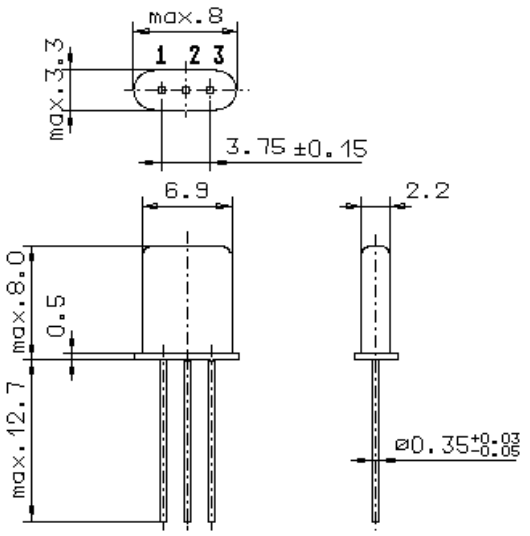
27 February 2002

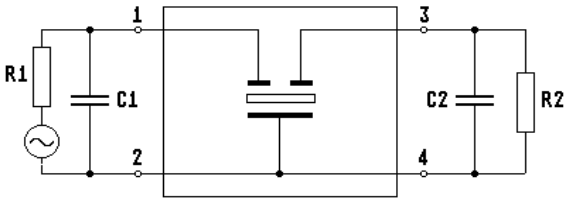
Specification for monolithic crystal filter: **M Q F 7 0 . 0 - 2 0 0 0 / 0 1**

1. General

1.1. Package:



GH9



1.2.	Type name:	MQF 70.0-2000/01
1.3.	Number of poles:	2
1.4.	Operable temperature range:	-25°C to +80°C
1.5.	Operating temperature range:	-20°C to +70°C
1.6.	Storage temperature range:	-30°C to +85°C

2. Electric values

2.1.	Nominal centre frequency fo:	70.0 MHz
2.2.	**Pass band**	
2.2.1.	Bandwidth between 3 dB - frequencies:	≥ fo ± 10.0 kHz
2.2.2.	Ripple:	≤ 1.0 dB at fo ± 7.0 kHz
2.2.3.	Insertion loss: (measured on smallest attenuation in pass band)	≤ 2.0 dB
2.3.	**Stop band**	
2.3.1.	fo ± 40 kHz	≥ 15 dB (except spurious)
2.3.2.	fo -200 kHz.....-1000 kHz	≥ 40 dB
2.3.3.	fo + 500 kHz.....+1000 kHz	≥ 35 dB (except spurious)
2.4.	Terminating impedance (input and output):	2500 Ω // -1.5 pF
3.	Marking:	manufacturer, date code 70.0-2000/01
4.	Environment conditions:	Corresponding to Vectron standard CF001

Edited by: date: _____ name: _____