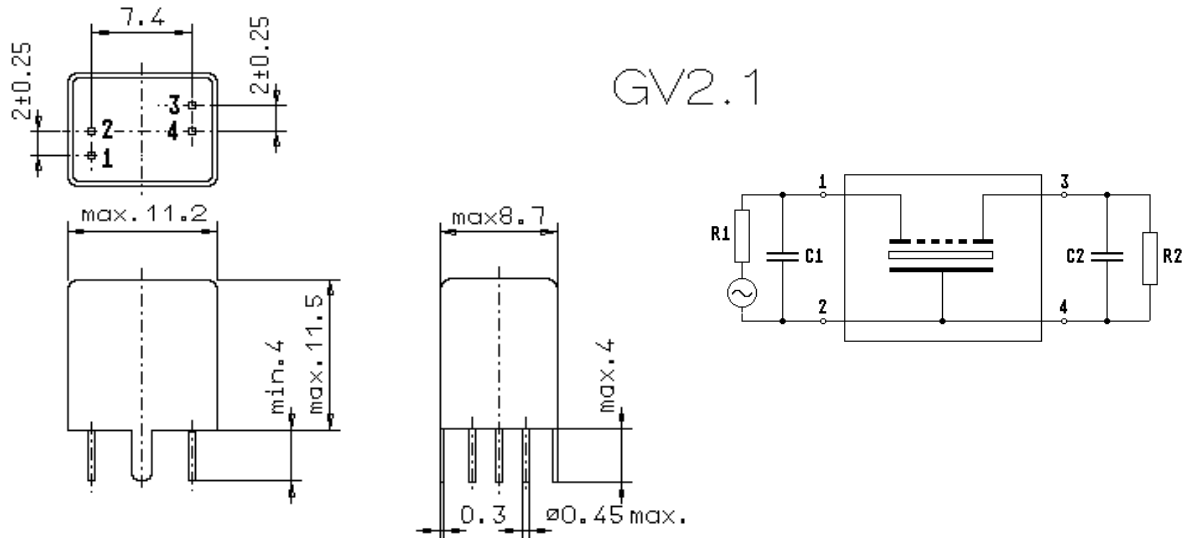


Specification for monolithic crystal filter:

MQF 21.4-1200/18

1. General

1.1. Package:



1.2. Type name:	MQF 21.4-1200/18
1.3. Number of poles:	8
1.4. Operable temperature range:	-30°C to +80°C
1.5. Operating temperature range:	-25°C to +70°C
1.6. Storage temperature range:	-55°C to +80°C

2. Electric values

2.1. Nominal centre frequency f_0 : 21.4 MHz

2.2. Pass band

2.2.1. Bandwidth between 3 dB - frequencies:	$\geq f_0 \pm 6.0$ kHz
2.2.2. Ripple:	≤ 2.0 dB at $f_0 \pm 4.0$ kHz
2.2.3. Insertion loss: (measured on smallest attenuation in pass band)	≤ 3.0 dB

2.3. Stop band

2.3.1. $f_0 \pm 14.0$ kHz	≥ 65 dB
2.3.2. $f_0 \pm 20.0$ kHz	≥ 90 dB
2.3.3. Spurious responses:	≥ 65 dB (range: $f_0 \pm 20$ kHz.... $f_0 \pm 500$ kHz)

2.4. Terminating impedance (input and output): 1200 Ω // 2.5 pF

3. Marking: manufacturer, date code
21.4-1200/18

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: date: _____ name: _____