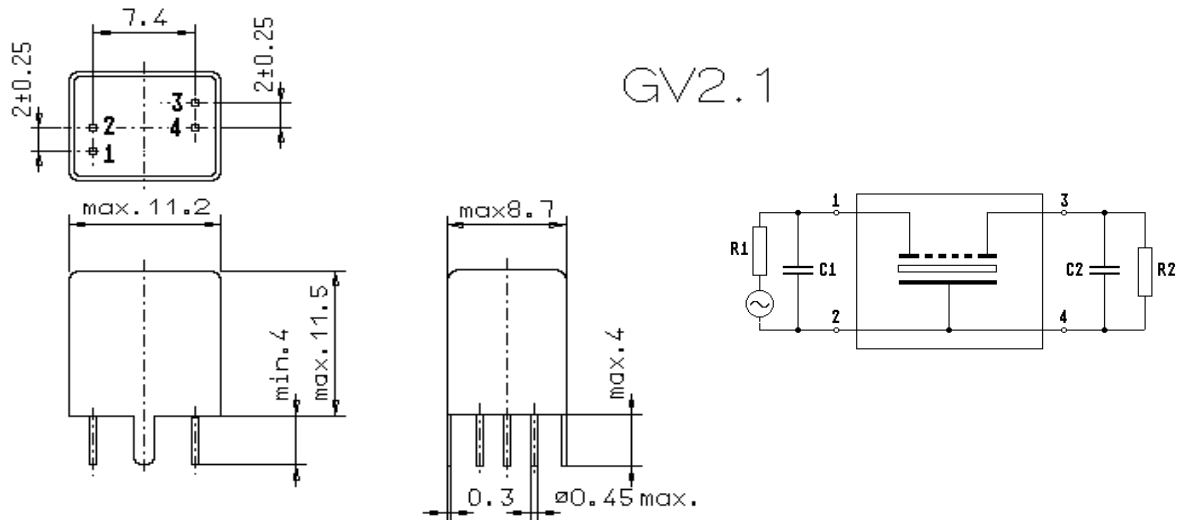


Specification for monolithic crystal filter:

**MQF 21.4-1500 / 04**

## 1. General

### 1.1. Package:



1.2. Type name:	MQF 21.4-1500/04
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:	$\geq f_0 \pm 7.5$ kHz
2.2.2. Ripple:	$\leq 2.0$ dB at $f_0 \pm 6.0$ kHz
2.2.3. Insertion loss: ( measured on smallest attenuation in pass band )	$\leq 3.0$ dB

### 2.3. Stop band

2.3.1. $f_0 \pm 17.5$ kHz	$\geq 65$ dB
2.3.2. $f_0 \pm 25$ kHz..... $\pm 300$ kHz	$\geq 90$ dB

2.4. Terminating impedance ( input and output ): 1600  $\Omega$  // 1.5 pF

3. Marking: manufacturer, date code  
21.4-1500/04

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: \_\_\_\_\_ date: \_\_\_\_\_ name: \_\_\_\_\_