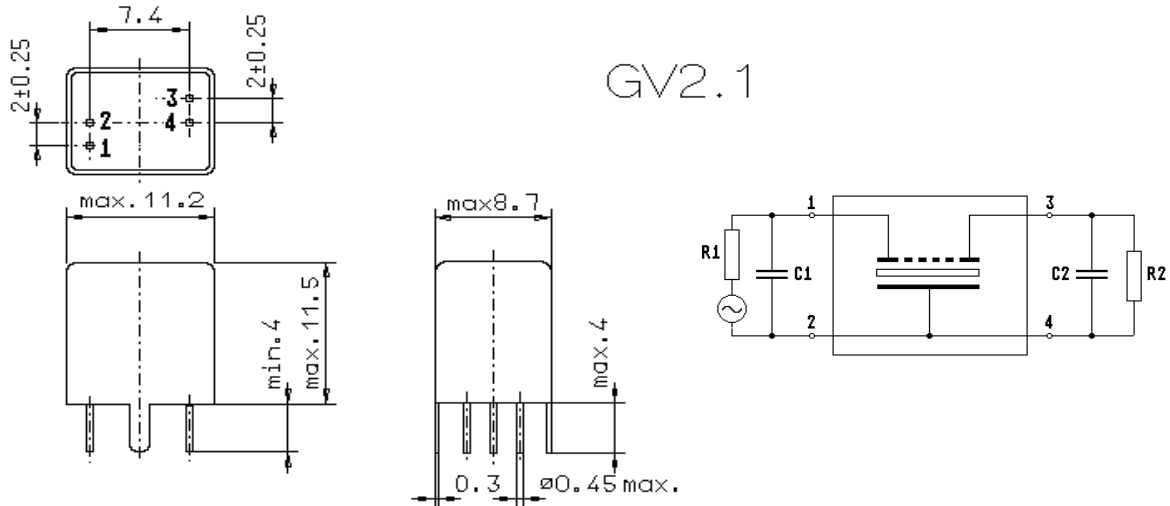


Specification for monolithic crystal filter:

**MQF 21.4-1500 / 25**

**1. General**

1.1. Package:



- 1.2. Type name: MQF 21.4-1500/25
- 1.3. Number of poles: 8
- 1.4. Operating temperature range: -25°C to +70°C
- 1.5. Storage temperature range: -35°C to +80°C

**2. Electric values**

- 2.1. Nominal centre frequency fo: 21.4 MHz

**2.2. Pass band**

- 2.2.1. Bandwidth between 3 dB - frequencies:  $\geq f_o \pm 7.5 \text{ kHz}$
- 2.2.2. Ripple:  $\leq 2.0 \text{ dB at } f_o \pm 6.0 \text{ kHz}$
- 2.2.3. Insertion loss:  $\leq 3.0 \text{ dB}$   
( measured on smallest attenuation in pass band )

**2.3. Stop band**

- 2.3.1.  $f_o \pm 17.5 \text{ kHz}$   $\geq 65 \text{ dB}$
- 2.3.2.  $f_o \pm 25 \text{ kHz} \dots \dots \pm 500 \text{ kHz}$   $\geq 90 \text{ dB}$

- 2.4. Terminating impedance ( input and output ):  $1500 \Omega // 2.0 \text{ pF}$

- 3. Marking: manufacturer, date code  
21.4-1500/25

- 4. Environment conditions: Corresponding to Vectron standard CF001

