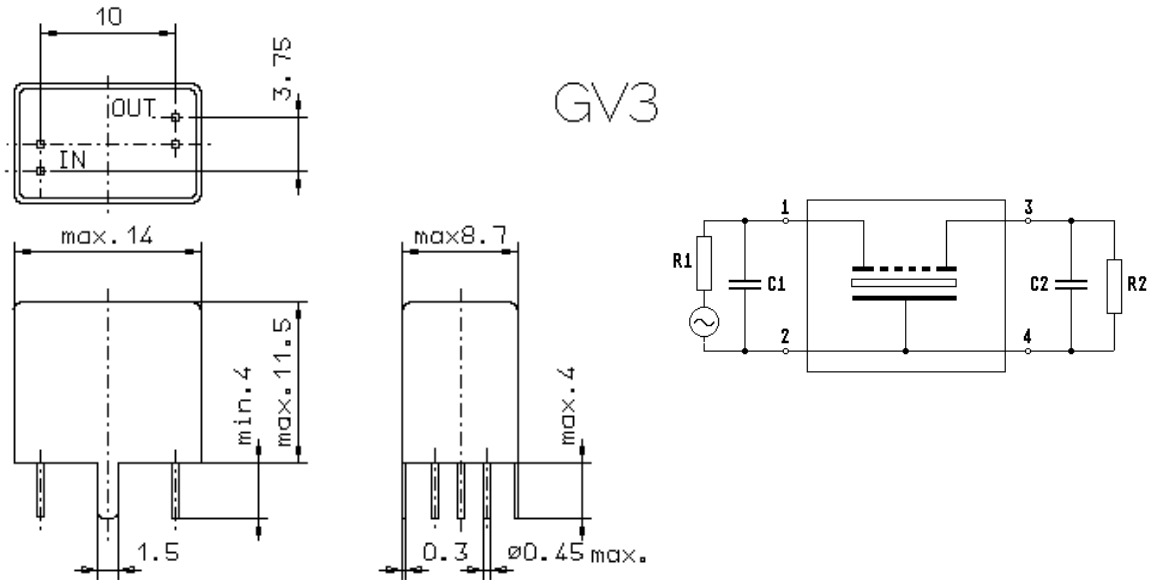


Specification for monolithic crystal filter:

**MQF 21.4-1700/10**

**1. General**

1.1. Package:



- 1.2. Type name: MQF 21.4-1700/10
- 1.3. Number of poles: 8
- 1.4. Operating temperature range: -20°C to +70°C
- 1.5. Storage temperature range: -35°C to +85°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:  $\geq f_0 \pm 8.5$  kHz
- 2.2.2. Ripple:  $\leq 2.0$  dB at  $f_0 \pm 7$  kHz
- 2.2.3. Insertion loss:  $\leq 3.0$  dB  
( measured on smallest attenuation in pass band )

**2.3. Stop band**

- 2.3.1.  $f_0 \pm 18.5$  kHz  $\geq 60$  dB
- 2.3.2.  $f_0 \pm 25$  kHz  $\geq 70$  dB
- 2.3.3.  $f_0 \pm 30$  kHz..... $\pm 5000$  kHz  $\geq 90$  dB ( except spurious )

- 2.4. Terminating impedance ( input and output ):  $1800 \Omega // 1.0$  pF

- 3. Marking: manufacturer, date code  
21.4-1700/10

- 4. Environment conditions: Corresponding to Vectron standard CF001

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