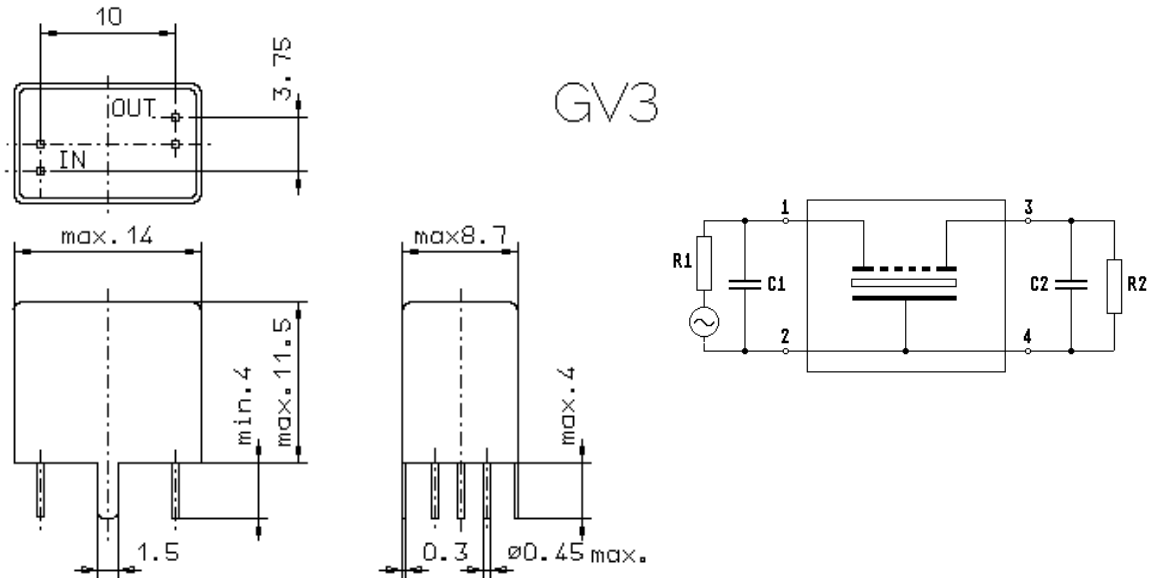


Specification for monolithic crystal filter:

MQF 21.4-1700/10

1. General

1.1. Package:



GV3

- 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 fo: 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: ≤ 2.0 dB at $f_0 \pm 7$ kHz
- 2.2.3. Insertion loss: ≤ 3.0 dB
(measured on smallest attenuation in pass band)

2.3. Stop band

- 2.3.1. $f_0 \pm 18.5$ kHz ≥ 60 dB
- 2.3.2. $f_0 \pm 25$ kHz ≥ 70 dB
- 2.3.3. $f_0 \pm 30$ kHz..... ± 5000 kHz ≥ 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: _____