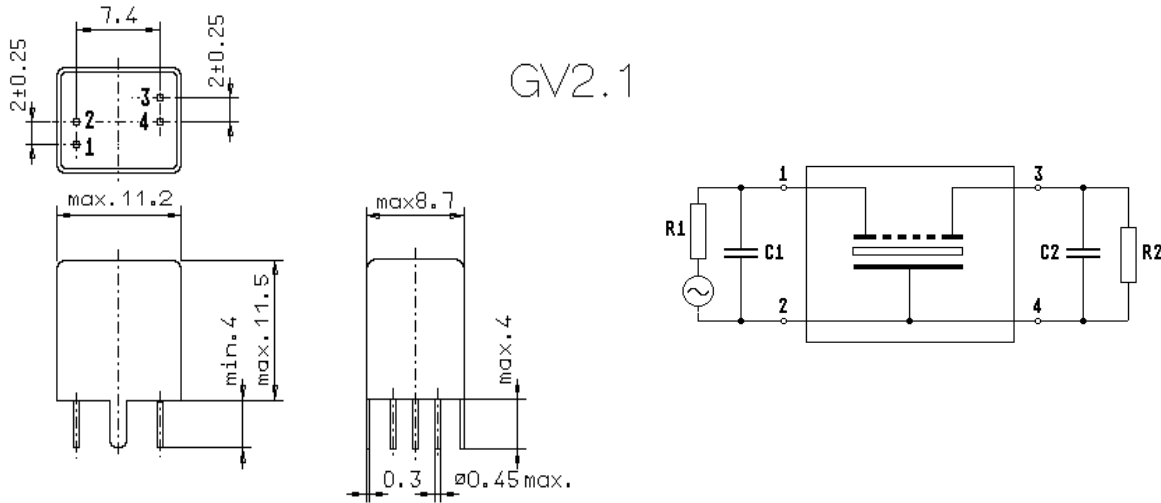


Specification for monolithic crystal filter:

MQF 21.4-1500/71

1. General

1.1. Package:



GV2.1

- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 21.4-1500/71 |
| 1.3. Number of poles: | 6 |
| 1.4. Operating temperature range: | -25°C to +70°C |
| 1.5. Storage temperature range: | -55°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: | ≥ fo ± 7.5 kHz |
| 2.2.2. Ripple: | ≤ 2.0 dB at fo ± 6.0 kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 2.5 dB |
| 2.3. Stop band | |
| 2.3.1. fo ± 17.5 kHz | ≥ 45 dB |
| 2.3.2. fo ± 25 kHz.....± 300 kHz | ≥ 65 dB |
| 2.4. Terminating impedance (input and output): | 1500 Ω // 2.0 pF |
| 3. Marking: | manufacturer, date code
MQF 21.4-1500/71
Input marked with color dot |
| 4. Intermodulation | |
| frequency 1: | 21.425 MHz / 21.450 MHz |
| frequency 2: | 21.350 MHz / 21.375 MHz |
| input power: | -20 dBm |
| IM: | > 85 dB |

- | | |
|----------------------------|---|
| 5. Environment conditions: | Corresponding to Vectron standard CF001 |
|----------------------------|---|