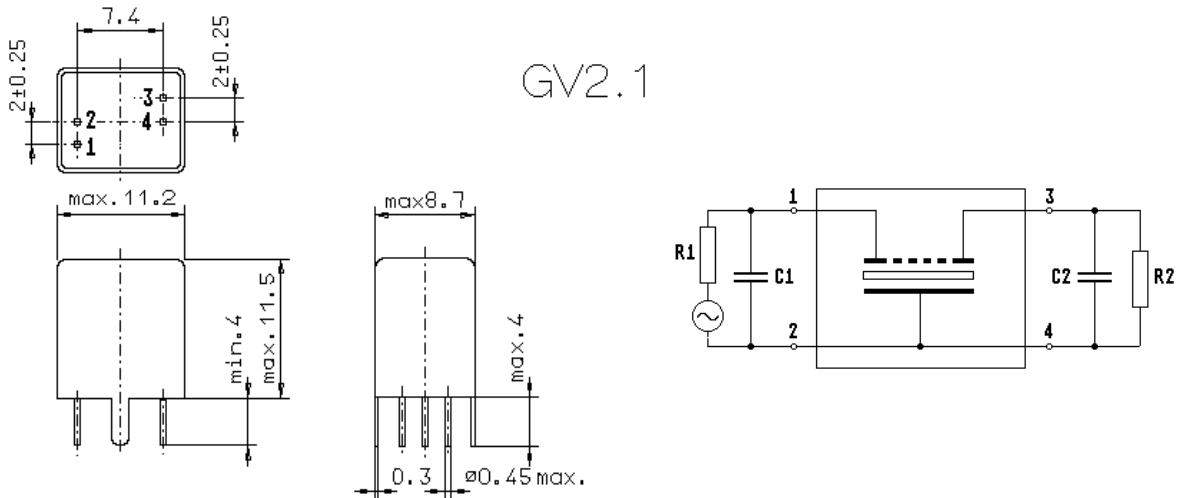


Specification for monolithic crystal filter:

MQF 21.4-3000/03

1. General

1.1. Package:



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 21.4-3000/03 |
| 1.3. Number of poles: | 6 |
| 1.4. Operating temperature range: | -40°C to +85°C |
| 1.5. Storage temperature range: | -55°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: | $\geq f_0 \pm 15$ kHz |
| 2.2.2. Ripple: | ≤ 2.0 dB at $f_0 \pm 10.0$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 2.5 dB |
| 2.3. Stop band | |
| 2.3.1. $f_0 \pm 35$ kHz | ≥ 45 dB |
| 2.3.2. $f_0 \pm 50$ kHz | ≥ 65 dB |
| 2.3.3. $f_0 \pm 50$ kHz..... ± 300 kHz | ≥ 65 dB |
| 2.4. Terminating impedance R//C (input and output): | $2700 \Omega // 1.0$ pF |
| 2.5. Maximum input power level: | |
| working: | +10 dBm |
| non-damaged: | +25 dBm |
| 3. Marking: | manufacturer ("VI" or "TFT"), date code (YYWW)
21.4-3000/03 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |
| 5. Packing: | bulk (maximum 225 pcs. / box)
card box dimension: (200 x 145 x 35) mm |

Edited by: _____ date: _____ name: _____