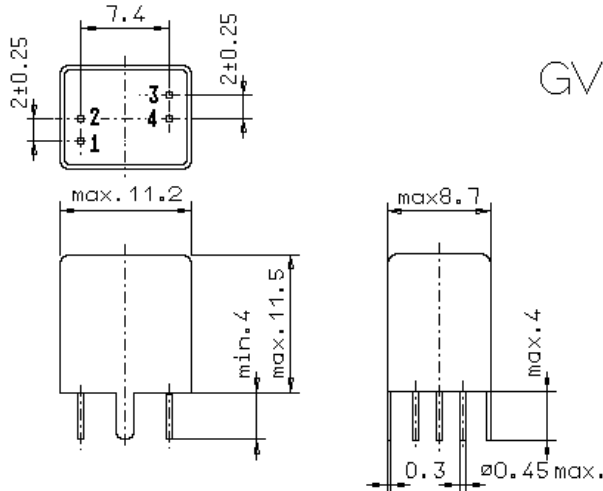


Specification for monolithic crystal filter:

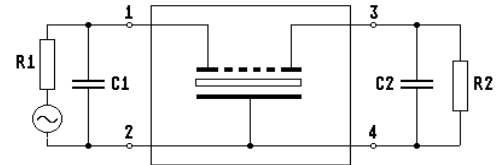
MQF 21.4-0600/04

1. General

1.1. Package:



GV2.1



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 21.4-0600/04 |
| 1.3. Number of poles: | 8 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -40°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 6 dB - frequencies: | $> f_0 \pm 3.0$ kHz |
| 2.2.2. Ripple: | < 2.0 dB at $f_0 \pm 2.0$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | > 5.0 dB |

2.3. Stop band

- | | |
|--|-----------------------------------|
| 2.3.1. $f_0 \pm 7.37$ kHz | > 60 dB |
| 2.3.2. Alternate attenuation | > 80 dB |
| 2.4.1. Terminating impedance (input and output): | $850 \Omega // 5.0$ pF |
| 2.4.2. Maximum input power level: | 0 / +15 (working / non-damaged) |

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
21.4-0600/04 |
|-------------|---|

- | | |
|----------------------------|--------------------------------|
| 4. Environment conditions: | Corresponding to Vectron CF001 |
|----------------------------|--------------------------------|

Edited by: _____ date: _____ name: _____