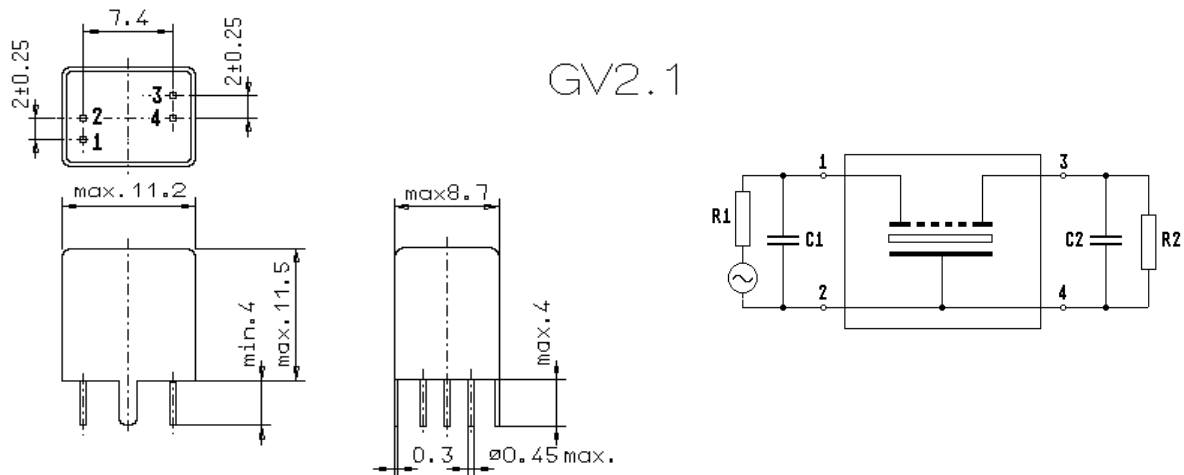


Specification for monolithic crystal filter:

MQF 21.4 - 1500 / 09

1. General

1.1. Package:



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 21.4-1500/09 |
| 1.3. Number of poles: | 6 |
| 1.4. Operable temperature range: | -30°C to +80°C |
| 1.5. Operating temperature range: | -25°C to +70°C |
| 1.6. Storage temperature range: | -55°C to +80°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: | $\geq f_0 \pm 7.5$ kHz |
| 2.2.2. Ripple: | ≤ 2.0 dB at $f_0 \pm 6.0$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 3.0 dB |

2.3. Stop band

- | | |
|--|--------------|
| 2.3.1. $f_0 \pm 17.5$ kHz | ≥ 45 dB |
| 2.3.2. $f_0 \pm 25$ kHz | ≥ 65 dB |
| 2.3.3. $f_0 \pm 50$ kHz..... ± 500 kHz | ≥ 80 dB |

- | | |
|--|-------------------------|
| 2.4. Terminating impedance (input and output): | $1500 \Omega // 2.0$ pF |
|--|-------------------------|

- | | |
|-------------|---|
| 3. Marking: | manufacturer ("VI"), date code (YYWW)
21.4-1500/09 |
|-------------|---|

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

- | | |
|-------------|--|
| 5. Packing: | bulk (maximum 225 pcs. / box)
card box dimension: (200 x 145 x 35) mm |
|-------------|--|