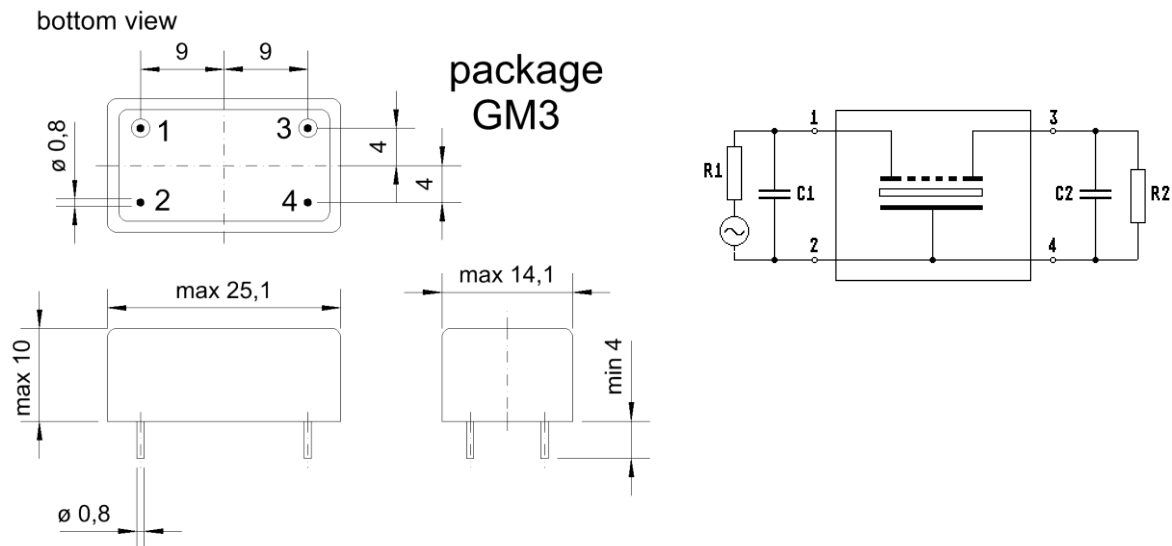


Specification for monolithic crystal filter:

MQF 21.65-5000/03

1. General

1.1. Package:



- | | |
|-----------------------------------|-------------------|
| 1.2. Type name: | MQF 21.65-5000/03 |
| 1.3. Number of poles: | 6 |
| 1.4. Operating temperature range: | -40°C to +85°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

- | | |
|---------------------------------------|-----------|
| 2.1. Nominal centre frequency f_0 : | 21.65 MHz |
|---------------------------------------|-----------|

2.2. Pass band

- | | |
|---|----------------------------------|
| 2.2.1. Bandwidth between 6 dB - frequencies: | $> f_0 \pm 25$ kHz |
| 2.2.2. Ripple: | < 2.0 dB at $f_0 \pm 20.0$ kHz |
| 2.2.3. Insertion loss: (measured on smallest attenuation in pass band) | < 3.0 dB |

2.3. Stop band

- | | |
|------------------------------|-------------------------------|
| 2.3.1. $f_0 \pm 70$ kHz | > 60 dB |
| 2.3.2. alternate attenuation | > 60 dB (except spurious) |

- | | |
|---|---------------------|
| 2.4. Terminating impedance R//C (input and output): | $50 \Omega // 0$ pF |
|---|---------------------|

- | | |
|-------------|--|
| 3. Marking: | manufacturer, date code MQF 21.65-5000/03 |
|-------------|--|

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

Edited by: _____ date: _____ name: _____