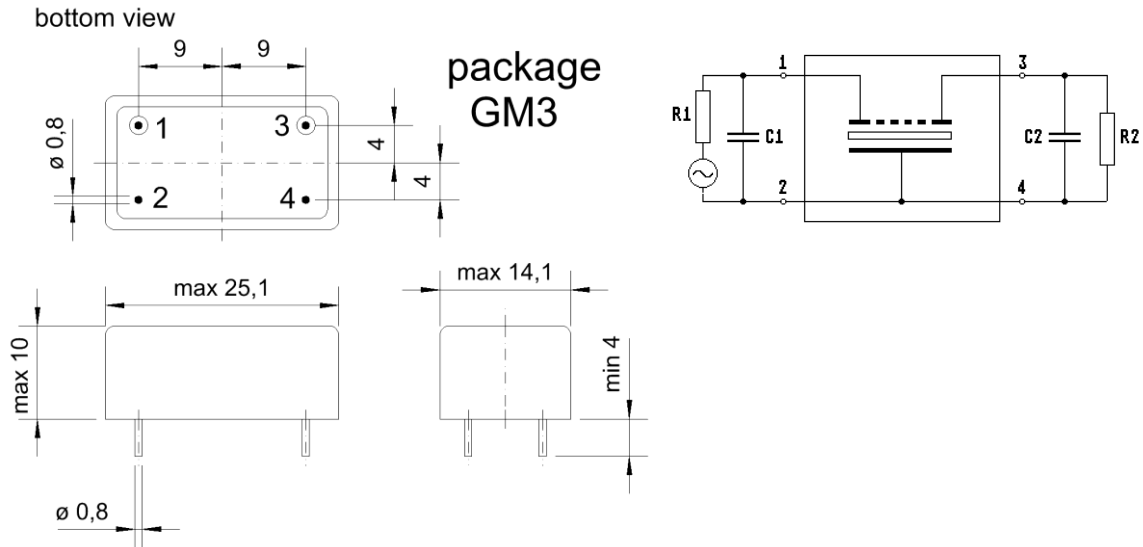


Specification for monolithic crystal filter:

MQF 21.4-3000/20

1. General

1.1. Package:



- 1.2. Type name: MQF 21.4-3000/20
- 1.3. Number of poles: 6
- 1.4. Operating temperature range: -30°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 $f_0 \pm 12$ kHz
 - 2.2.3. Insertion loss: ≤ 3.0 dB
(measured on smallest attenuation in pass band)
- 2.3. **Stop band**
 - 2.3.1. $f_0 \pm 45$ kHz: ≥ 60 dB
 - 2.3.2. $f_0 \pm 100$ kHz: ≥ 80 dB (except spurious)
- 2.4. Terminating impedance (input and output): $50 \Omega // 0$ pF
- 3. Marking: manufacturer, date code
MQF 21.4-3000/20
- 4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: _____ date: _____ name: _____