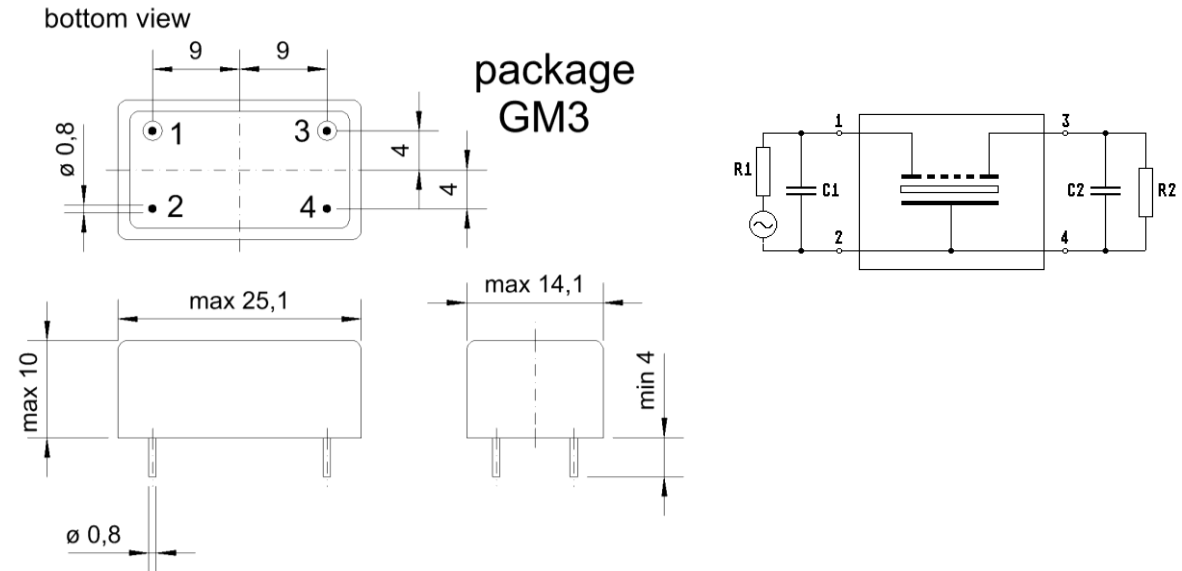


Specification for monolithic crystal filter:

MQF 45.0-0600/02

1. General

1.1. Package:



- 1.2. Type name: MQF 45.0-0600/02
- 1.3. Number of poles: 4
- 1.4. Operating temperature range: -20°C to +70°C
- 1.5. Storage temperature range: -35°C to +85°C

2. Electric values

- 2.1. Nominal centre frequency f_0 : 45.0 MHz
- 2.2. **Pass band**
 - 2.2.1. Bandwidth between 3 dB - frequencies: $\geq f_0 \pm 3.0$ kHz
 - 2.2.2. Ripple: ≤ 1.0 dB at $f_0 \pm 2.0$ kHz
 - 2.2.3. Insertion loss: ≤ 4.5 dB
(measured on smallest attenuation in pass band)
- 2.3. **Stop band**
 - 2.3.1. $f_0 \pm 15$ kHz: ≥ 40 dB
 - 2.3.2. Alternate attenuation $f_0 \pm 1$ MHz: ≥ 60 dB (except spurious)
- 2.4. Terminating impedance (input and output): $50 \Omega // 0$ pF

3. Marking: manufacturer, date code
MQF 45.0-0600/02

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: _____ date: _____ name: _____