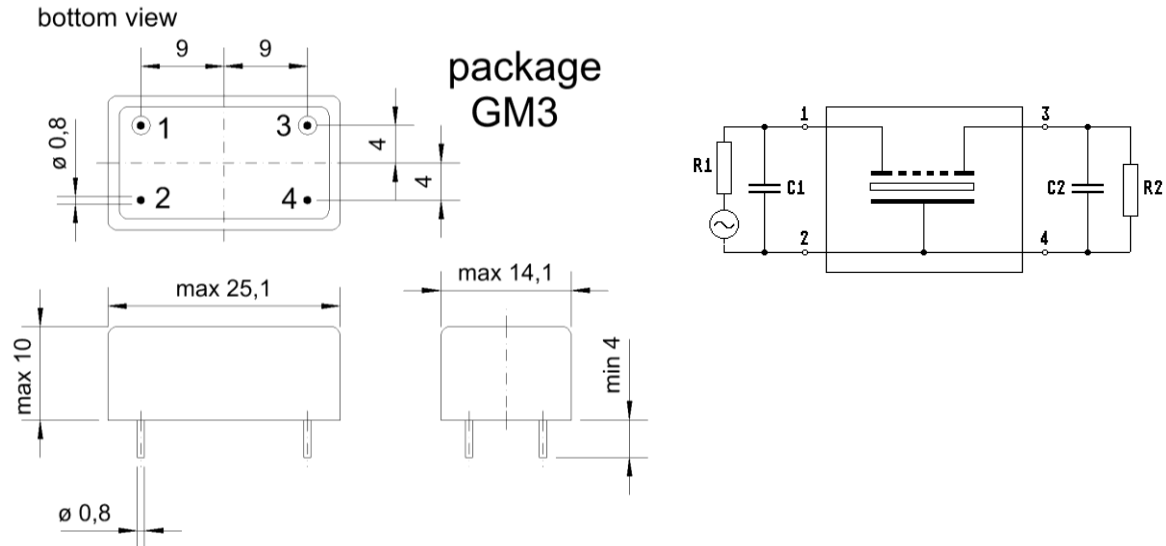


Specification for monolithic crystal filter:

MQF 45.0-1500/59

1. General

1.1. Package:



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 45.0-1500/59 |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -35°C to +80°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: | $> f_0 \pm 7.5$ kHz |
| 2.2.2. Ripple: | < 1.5 dB at $f_0 \pm 5.0$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | < 4.0 dB |
| 2.3. Stop band | |
| 2.3.1. $f_0 \pm 23$ kHz | > 25 dB |
| 2.3.2. Alternate Attenuation: | > 70 dB |
| 2.4. Terminating impedance R//C (input and output): | $50 \Omega // 0$ pF |
| 3. Marking: | manufacturer, date code
MQF 45.0-1500/59 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |

Edited by: _____ date: _____ name: _____