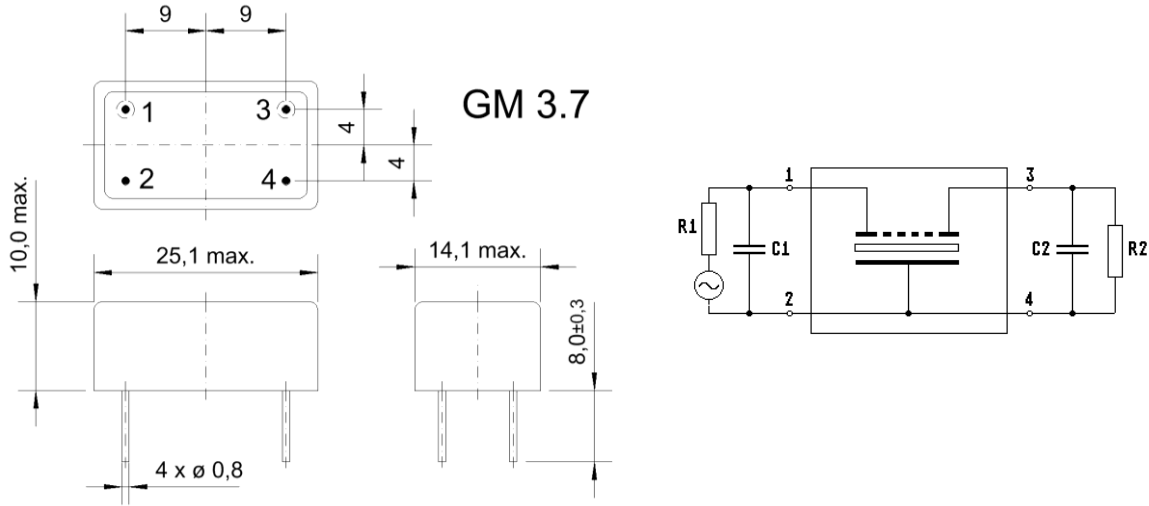


Specification for monolithic crystal filter:

MQF 48.0-0600/03

1. General

1.1. Package:



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 48.0-0600/03 |
| 1.3. Number of poles: | 6 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

- | | |
|---|---------------------------------|
| 2.1. Nominal centre frequency f_0 : | 48.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | $> f_0 \pm 3.0$ kHz |
| 2.2.2. Ripple: | < 2.0 dB at $f_0 \pm 2.0$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | < 6.0 dB |
| 2.3. Stop band | |
| 2.3.1. $f_0 \pm 10$ kHz | > 40 dB |
| 2.3.2. $f_0 \pm 13.5$ kHz | > 60 dB |
| 2.3.3. Alternate Attenuation | > 60 dB (except spurious) |
| 2.4. Nominal / maximum input power level | 0 dBm / +10 dBm |
| 2.5. Terminating impedance R//C (input and output): | 50 Ω // 0 pF |

3. Marking:

top view



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