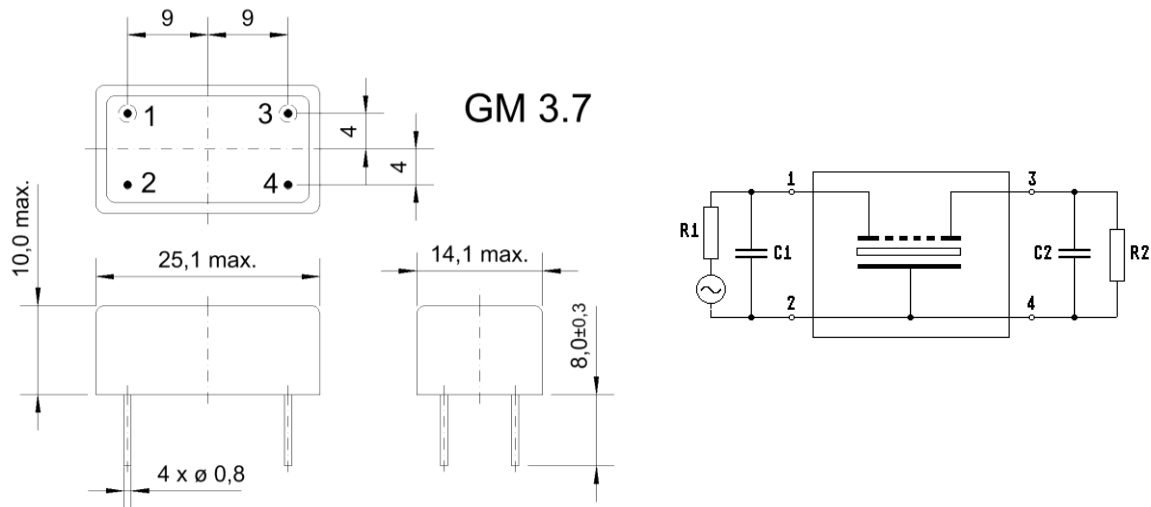


Specification for monolithic crystal filter:

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 fo: | 48.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | > fo ± 3.0 kHz |
| 2.2.2. Ripple: | < 2.0 dB at fo ± 2.0 kHz |
| 2.2.3. Insertion loss: | < 6.0 dB |
| (measured on smallest attenuation in pass band) | |
| 2.3. Stop band | |
| 2.3.1. fo ± 10 kHz | > 40 dB |
| 2.3.2. fo ± 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 |
|----------------------------|---|