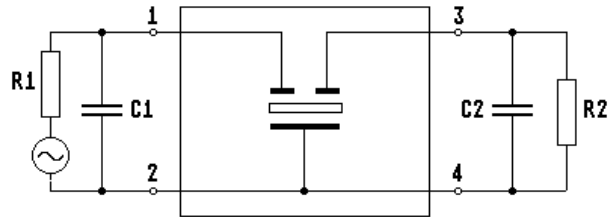
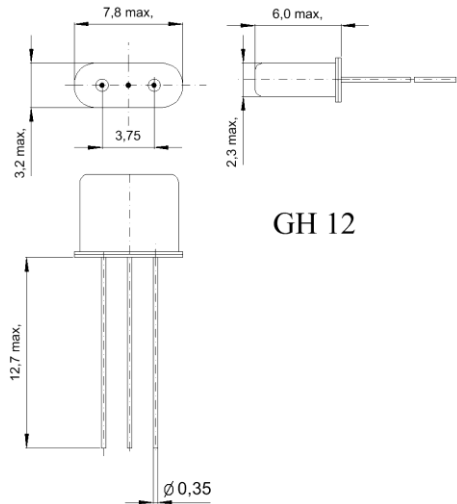


Specification for monolithic crystal filter:

MQF 50.0 – 1500 / 12

1. General

1.1. Package:

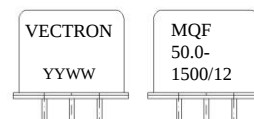


- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 50.0-1500/12 |
| 1.3. Number of poles: | 2 |
| 1.4. Operating temperature range: | -40°C to +85°C |
| 1.5. Storage temperature range: | -55°C to +85°C |

2. Electric values

- | | |
|---|---|
| 2.1. Nominal centre frequency f_0 : | 50.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_0 \pm 7.50$ kHz |
| 2.2.2. Ripple: | ≤ 1.0 dB at $f_0 \pm 5.0$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 2.0 dB |
| 2.3. Stop band | |
| 2.3.1. $f_0 \pm 50$ kHz | ≥ 24 dB |
| 2.3.2. Alternate attenuation $f_0 \pm 910$ kHz: | ≥ 60 dB except spurious |
| 2.4. Terminating impedance (input and output): | $560 \Omega // 4.5$ pF |
| 2.5. Maximum input power level: | 0 dBm / +10 dBm (operating / non-damaged) |

3. Marking:



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

Edited by: _____ date: _____ name: _____