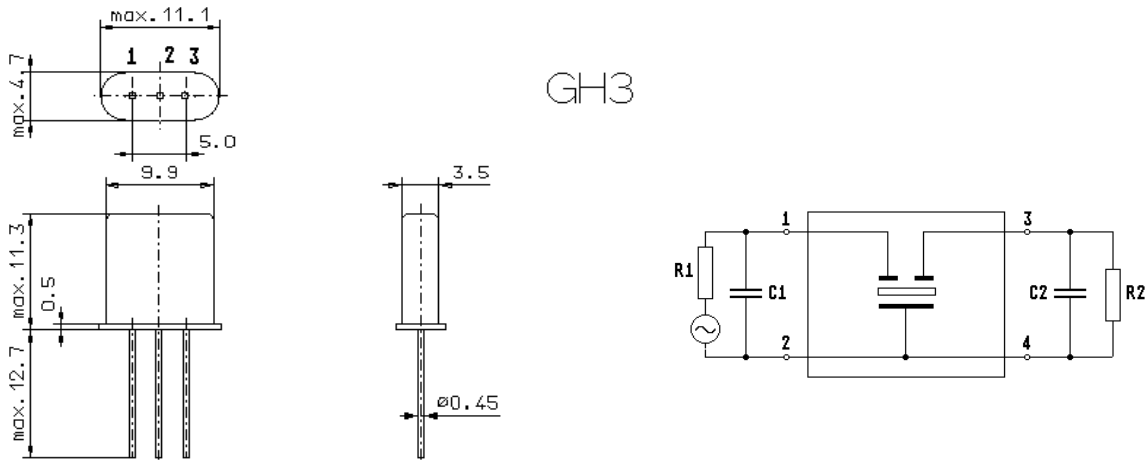


Specification for monolithic crystal filter:

MQF 10.7-0750 / 01

1. General

1.1. Package:



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.7-0750/01 |
| 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 : | 10.7 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_0 \pm 3.75$ kHz |
| 2.2.2. Ripple: | ≤ 0.5 dB at $f_0 \pm 2.5$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 1.5 dB |
| 2.3. Stop band | |
| 2.3.1. $f_0 \pm 18$ kHz | ≥ 20 dB |
| 2.3.2. $f_0 \pm 300$ kHz..... ± 1000 kHz | ≥ 35 dB |
| 2.4. Terminating impedance (input and output): | $1800 \Omega // 3.5$ pF |
| 2.5. Maximum input power level: | +10 dBm / +20 dBm (operating / non-damaged) |
| 3. Marking: | manufacturer, date code
10.7-0750/01 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |

Edited by: _____ date: _____ name: _____