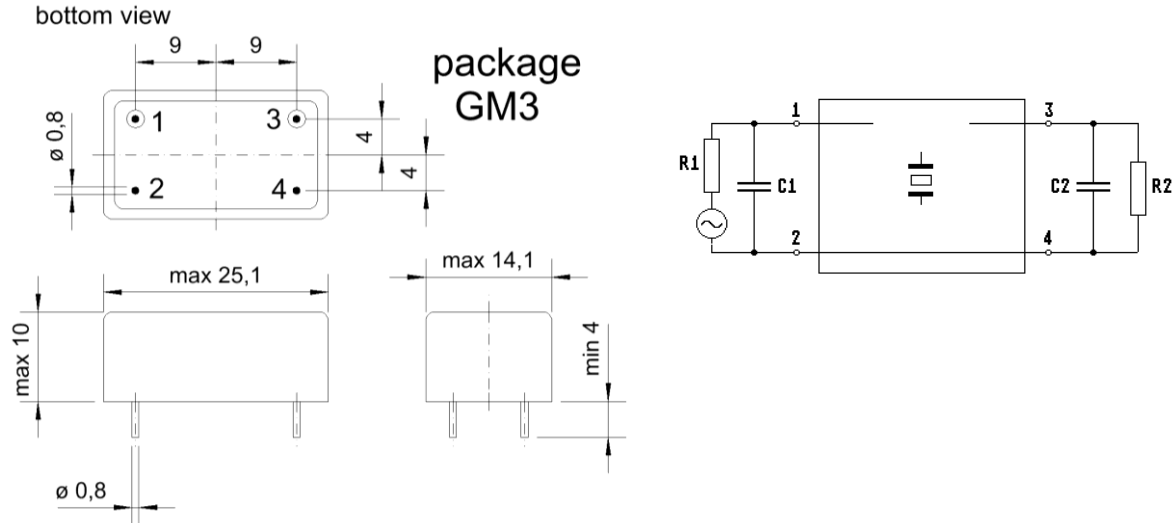


Specification for crystal filter:

QF 60.0-0100/04

1. General

1.1. Package:



- | | |
|-----------------------------------|-----------------|
| 1.2. Type name: | QF 60.0-0100/04 |
| 1.3. Number of poles: | 4 |
| 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 : | 60.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Centre frequency f_c at +25°C: | 60.0 MHz \pm 700 Hz |
| 2.2.2. Bandwidth between 3 dB - frequencies: | $> f_c \pm 500$ Hz |
| 2.2.3. Ripple in pass band: | Gaussian curve shape |
| 2.2.4. Insertion loss:
(measured on smallest attenuation in pass band) | < 12 dB |
| 2.3. Stop band | |
| 2.3.1. $f_c - 4.0$ kHz / $f_c + 3.0$ kHz | > 40 dB |
| 2.3.2. $f_c - 8.0$ kHz / $f_c + 4.5$ kHz | > 60 dB |
| 2.3.3. Alternate attenuation: | > 80 dB (except spurious) |
| 2.4. Terminating impedance (input and output): | $50 \Omega // 0$ pF |
| 2.5. Maximum input power level: | 0 dBm / +10 dBm (working / non-damaged) |
| 3. Marking: | manufacturer, date code
QF 60.0-0100/04 |
| 4. Environment conditions: | Corresponding to Vectron MIL standard |

Edited by: _____ date: _____ name: _____