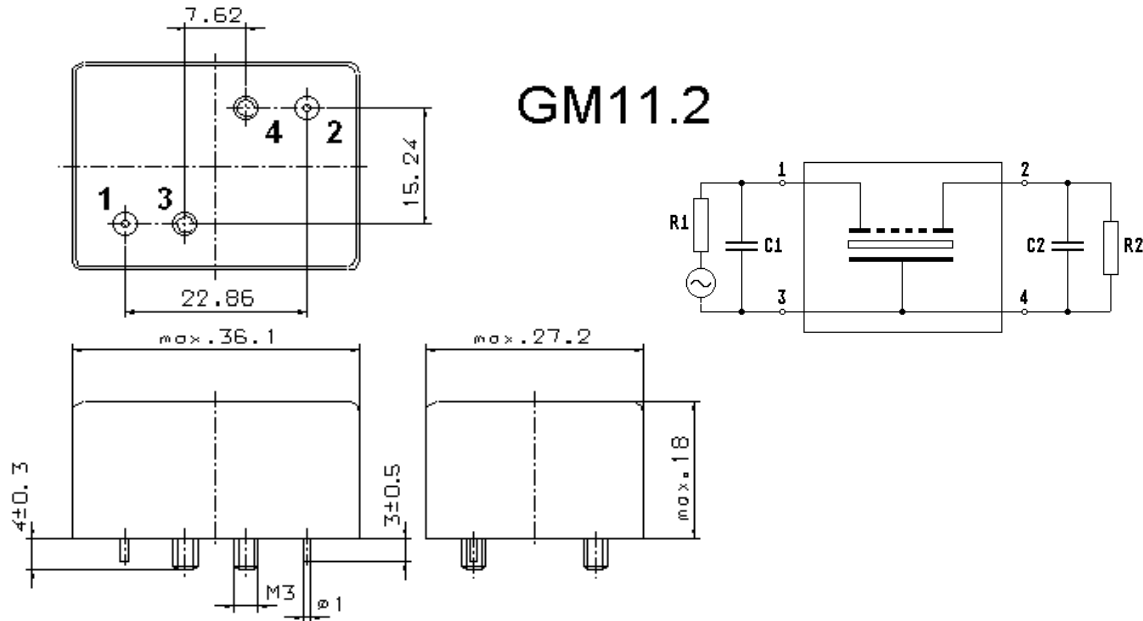


Specification for crystal filter:

QF 10.7-10000/04V1

1. General

1.1. Package:



- | | |
|-----------------------------------|--------------------|
| 1.2. Type name: | QF 10.7-10000/04V1 |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -55°C to +100°C |

2. Electric values

- | | |
|---|---|
| 2.1. Nominal centre frequency f_0 : | 10.7 MHz |
| 2.2. Pass band | |
| 2.2.1. Centre frequency f_c : | 10.7 MHz \pm 1.0 kHz |
| 2.2.2. Bandwidth between 3 dB - frequencies: | $> f_c \pm 50$ kHz |
| 2.2.3. Ripple: | ≤ 2.0 dB at $f_0 \pm 40$ kHz
(spurious responses up to 3 dB accepted) |
| 2.2.4. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 4.5 dB |
| 2.3. Stop band | |
| 2.3.1. $f_c \pm 300$ kHz | > 60 dB |
| 2.3.2. $f_c \pm 500$ kHz | > 80 dB |
| 2.3.3. Alternate attenuation: | > 90 dB |
| 2.3.4. Spurious responses: | > 50 dB |
| 2.4. Terminating impedance (input and output): | 50 Ω // 0 pF |
| 3. Marking: | manufacturer, date code
QF 10.7-10000/04V1 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |

Edited by: _____ date: _____ name: _____