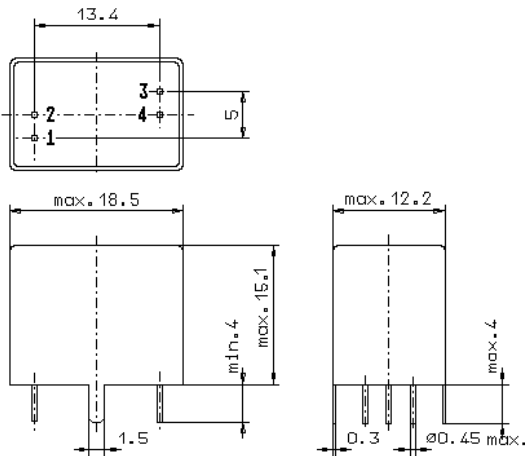


Specification for monolithic crystal filter:

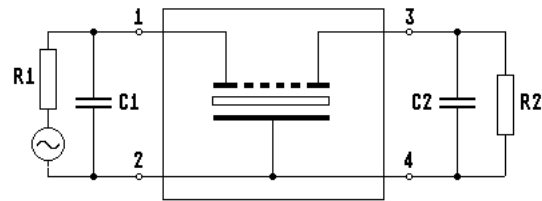
MQF 10.7-1200/04

1. General

1.1. package:



GV5.1



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.7-1200/04 |
| 1.3. Number of poles: | 8 |
| 1.4. Operable temperature range: | -30°C to +80°C |
| 1.5. Operating temperature range: | -20°C to +70°C |
| 1.6. Storage temperature range: | -45°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: | $\geq f_0 \pm 6.0$ kHz |
| 2.2.2. Ripple: | ≤ 2.0 dB at $f_0 \pm 4.0$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 4.0 dB |

2.3. **Stop band**

- | | |
|--|-------------------------|
| 2.3.1. $f_0 \pm 14$ kHz | ≥ 70 dB |
| 2.3.2. $f_0 \pm 20$ kHz..... ± 300 kHz | ≥ 90 dB |
| 2.4. Terminating impedance (input and output): | $2800 \Omega // 1.5$ pF |

- | | |
|-------------|--|
| 3. Marking: | manufacturer, date code
10.7-1200/4 |
|-------------|--|

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

Edited by: _____ date: _____ name: _____