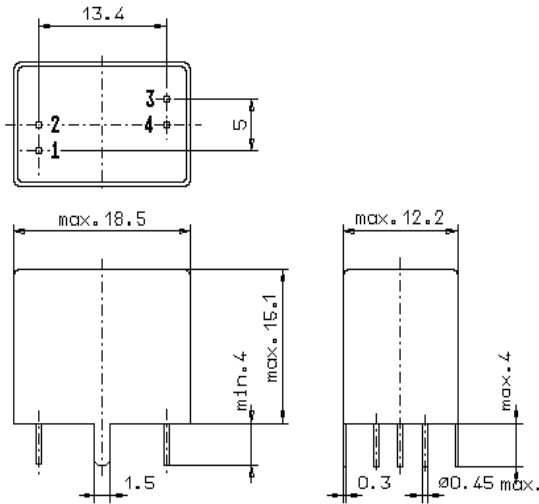


Specification for monolithic crystal filter:

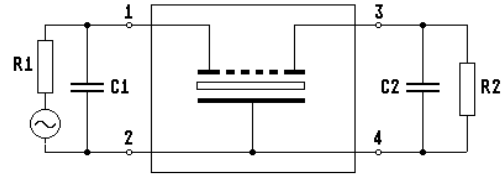
MQF 10.7-1500/23

1. General

1.1. Package:



GV5.1



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.7-1500/23 |
| 1.3. Number of poles: | 8 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -35°C to +85°C |

2. Electric values

- | | |
|-----------------------------------|----------|
| 2.1. Nominal centre frequency fo: | 10.7 MHz |
|-----------------------------------|----------|

2.2. Pass band

- | | |
|---|------------------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_o \pm 7.5$ kHz |
| 2.2.2. Ripple: | ≤ 2.0 dB at $f_o \pm 6.0$ kHz |
| 2.2.3. Insertion loss: (measured on smallest attenuation in pass band) | ≤ 3.5 dB |

2.3. Stop band

- | | |
|--|--------------|
| 2.3.1. $f_o \pm 17$ kHz | ≥ 70 dB |
| 2.3.2. $f_o \pm 22$ kHz..... ± 1 MHz | ≥ 90 dB |

- | | |
|--|--------------------------|
| 2.4. Terminating impedance (input and output): | 4700 Ω // -0.5 pF |
|--|--------------------------|

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code 10.7-1500/23 |
|-------------|---|

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

Edited by: _____ date: _____ name: _____