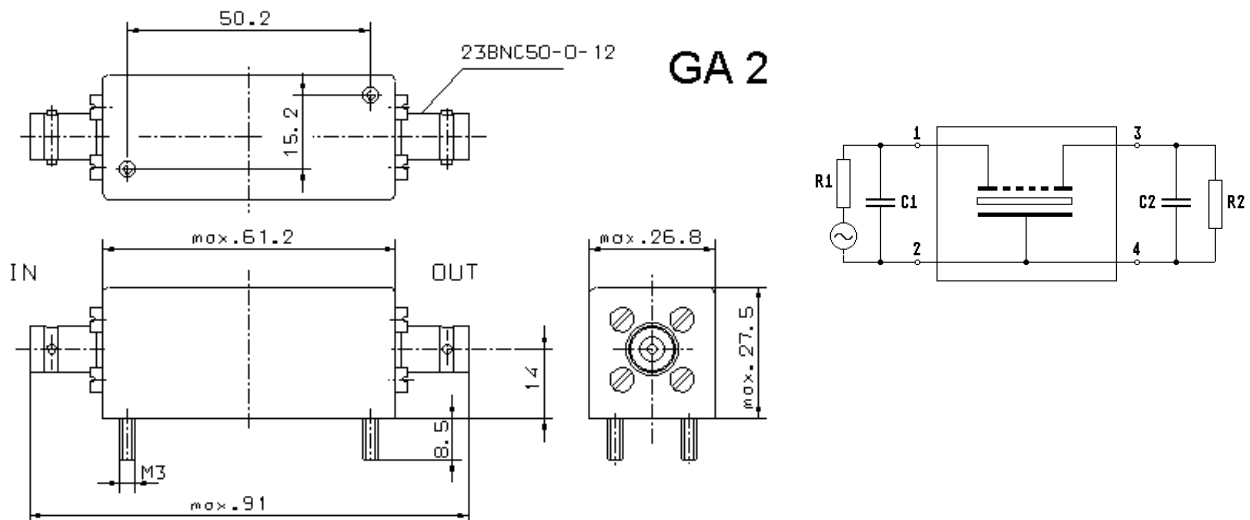


Specification for monolithic crystal filter series MQF 150.91-1400/02

1. General

1.1. Package:



- | | |
|-----------------------------------|-------------------|
| 1.2. Type name: | MQF 150.91-400/02 |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -25°C to +85°C |

2. Electric values

- | | |
|---|---|
| 2.1. Nominal center frequency fo: | 150.91 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | > fo ± 7.0 kHz |
| 2.2.2. Ripple: | < 1.0 dB at fo ± 5.0 kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | < 5.0 dB |
| 2.3. Stop band | |
| 2.3.1. fo ± 30 kHz | > 20 dB |
| 2.3.2. fo ± 60 kHz | > 45 dB |
| 2.3.3. fo ± 910 kHz | > 50 dB |
| 2.3.4. Spurious responses: | > 15 dB |
| 2.4. Terminating impedance (input and output): | 50 Ω // 0 pF |
| 3. Marking: | manufacturer, date code
MQF 150.91-1400/02 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |

Edited by: _____ date: _____ name: _____