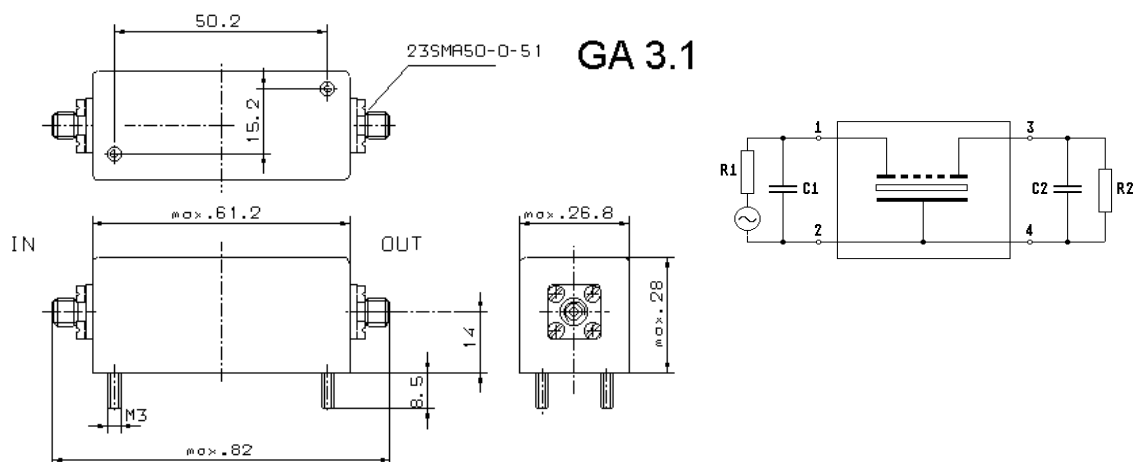


Specification for monolithic crystal filter:

MQF 10.7 - 1400 / 12

1. General

1.1. Package:



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.7-1400/12 |
| 1.3. Number of poles: | 12 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

- | | |
|---|---|
| 2.1. Nominal centre frequency fo: | 10.7 MHz |
| 2.2. Pass band | |
| 2.2.1. Pass band at 6 dB-frequencies (at +25°C): | fo - 7.0 kHz ± 100 Hz
fo + 7.0 kHz ± 3.0 kHz |
| 2.2.2. Ripple: | < 2.0 dB at fo - 4.0 kHz..... fo + 1.0 kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | < 3.5 dB |
| 2.3. Stop band | |
| 2.3.1. fo - 8.25 kHz / fo + 11.25 kHz | ≥ 26 dB |
| 2.3.2. fo - 12.25 kHz / fo + 15.25 kHz | ≥ 90 dB |
| 2.3.3. Alternate attenuation: | ≥ 90 dB |
| 2.4. Terminating impedance (input and output): | 50 Ω // 0 pF |
| 2.5. Typical input power level: | 0 dBm |
| 2.6. Maximum input power level: | +15 dBm |
| 3. Marking: | manufacturer, date code
MQF 10.7-1400/12 |
| 4. Environment conditions: | Corresponding to Vectron CF001 |

Edited by: _____ date: _____ name: _____