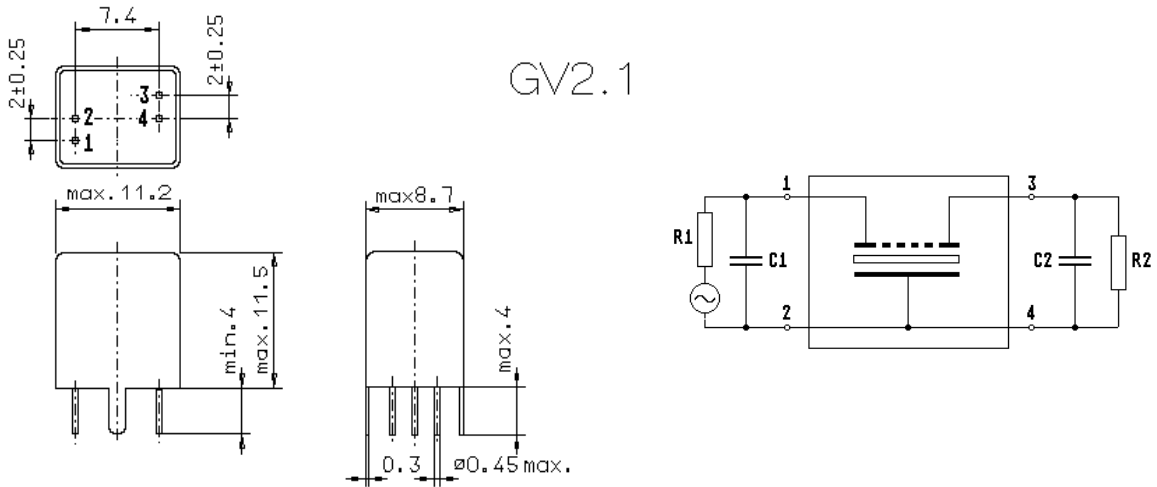


Specification for monolithic crystal filter:

MQF 45.0-1200/13

1. General

1.1. Package (RoHS compliant):



- | | |
|---|---|
| 1.2. Type name: | MQF 45.0-1200/13 |
| 1.3. Number of poles: | 6 |
| 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: | 45.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | > fo ± 6.0 kHz |
| 2.2.2. Ripple: | < 2.0 dB at fo ± 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. fo ± 20 kHz | > 60 dB |
| 2.3.2. Alternate attenuation fo ± 910 kHz | > 90 dB |
| 2.4. Terminating impedance R//C (input and output): | 500 Ω // 4.5 pF |
| 2.5. Maximum input power level: | 0 dBm / +10 dBm (working / non-damaged) |
| 2.6. 3-rd order IP3
- input power -20dBm
- test tones at ±25 kHz and ± 50 kHz | > +20dBm (3-rd order IM products at fo to be
80 dB down from both -20 dBm input tones) |
| 3. Marking: | input marker, manufacturer, date code
45.0-1200/13 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |
| 5. Packing: | bulk (maximum 225 pcs. / box)
card box dimension: (200 x 145 x 35) mm |

Edited by: _____ date: _____ name: _____