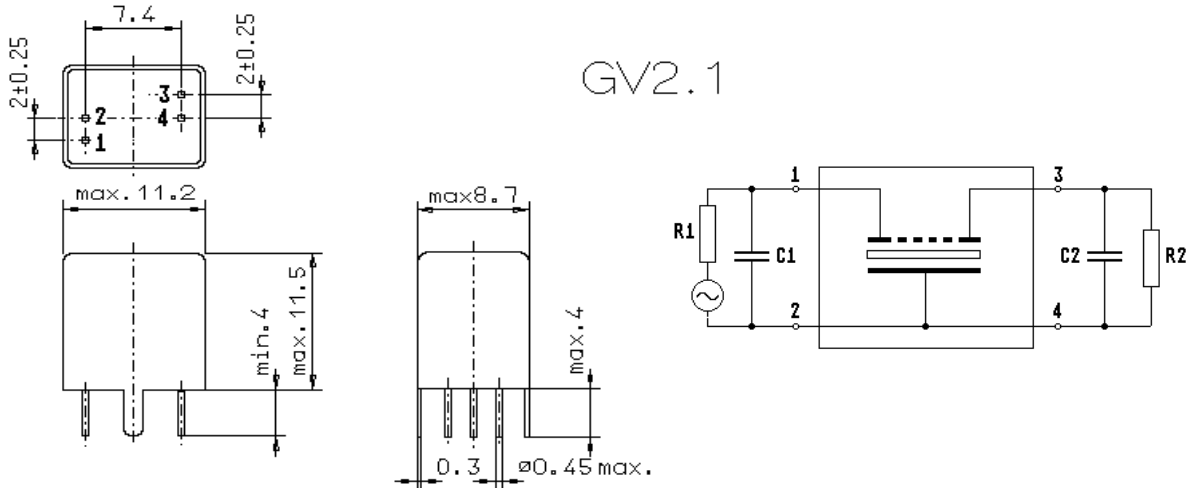


Specification for monolithic crystal filter:

MQF 45.0-1500/12

1. General

1.1. Package:



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 45.0-1500/12 |
| 1.3. Number of poles: | 8 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -35°C to +80°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 ± 7.5 kHz |
| 2.2.2. Ripple: | ≤ 2.0 dB at fo ± 5.0 kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 6.0 dB |

2.3. Stop band

- | | |
|-------------------------------|---------|
| 2.3.1. fo ± 25 kHz | > 80 dB |
| 2.3.2. Alternate attenuation: | > 80 dB |

- | | |
|--|-----------------|
| 2.4. Terminating impedance (input and output): | 650 Ω // 1.5 pF |
|--|-----------------|

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
45.0-1500/12 |
|-------------|---|

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

Edited by: _____ date: _____ name: _____