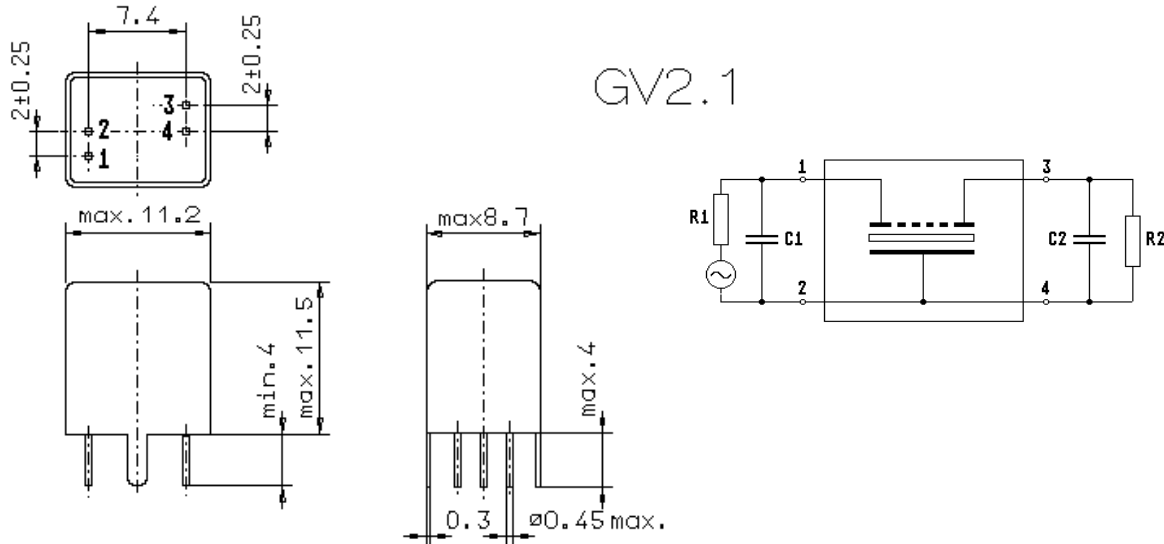


Specification for monolithic crystal filter:

**MQF 21.4-2000/26**

## 1. General

### 1.1. Package:



- |                                   |                  |
|-----------------------------------|------------------|
| 1.2. Type name:                   | MQF 21.4-2000/26 |
| 1.3. Number of poles:             | 6                |
| 1.4. Operating temperature range: | -40°C to +85°C   |
| 1.5. Storage temperature range:   | -55°C to +105°C  |

## 2. Electric values

- |   |   |
|---|---|
| 2.1. Nominal centre frequency $f_0$ :                                       | 21.4 MHz                                |
| 2.2. <b>Pass band</b>   |   |
| 2.2.1. Bandwidth between 3 dB - frequencies:                                | $\geq f_0 \pm 10$ kHz                   |
| 2.2.2. Ripple:  | $\leq 2.0$ dB at $f_0 \pm 7.5$ kHz      |
| 2.2.3. Insertion loss:<br>( measured on smallest attenuation in pass band ) | $\leq 2.5$ dB                           |
| 2.3. <b>Stop band</b>   |   |
| 2.3.1. $f_0 \pm 28$ kHz   | $\geq 60$ dB                            |
| 2.3.2. Alternate attenuation:   | $\geq 60$ dB ( except spurious )        |
| 2.4. Terminating impedance R/C ( input and output ):                        | $1600 \Omega // 1.0$ pF                 |
| 3. Marking:   | manufacturer, date code<br>21.4-2000/26 |
| 4. Environment conditions:  | Corresponding to Vectron standard CF001 |

Edited by: \_\_\_\_\_ date: \_\_\_\_\_ name: \_\_\_\_\_