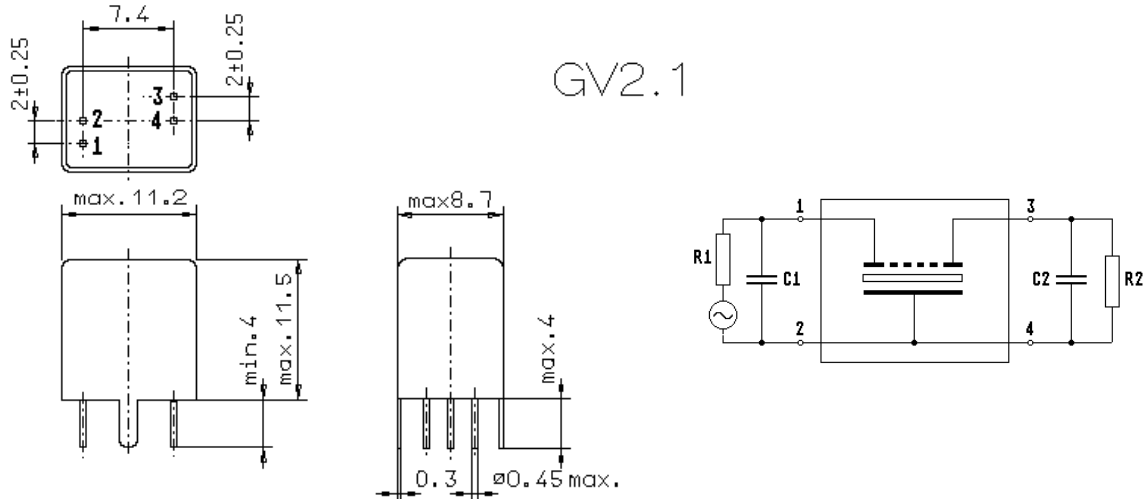


Specification for monolithic crystal filter:

**MQF 21.4-0750/14**

1. General

1.1. Package:



- |                                   |                  |
|-----------------------------------|------------------|
| 1.2. Type name:                   | MQF 21.4-0750/14 |
| 1.3. Number of poles:             | 8                |
| 1.4. Operating temperature range: | -20°C to +70°C   |
| 1.5. Storage temperature range:   | -35°C to +85°C   |

2. Electric values

- |   |   |
|---|---|
| 2.1. Nominal centre frequency fo:   | 21.4 MHz                                |
| 2.2. Pass band  |   |
| 2.2.1. Bandwidth between 3 dB - frequencies:                                | ≥ fo ± 3.75 kHz                         |
| 2.2.2. Ripple:  | ≤ 2.0 dB at fo ± 3.0 kHz                |
| 2.2.3. Insertion loss:<br>( measured on smallest attenuation in pass band ) | ≤ 4.0 dB                                |
| 2.3. Stop band  |   |
| 2.3.1. fo ± 9.0 kHz   | ≥ 65 dB                                 |
| 2.3.2. fo ± 12.5 kHz  | ≥ 90 dB                                 |
| 2.3.3. Alternate attenuation fo ± 125...1000 kHz                            | ≥ 80 dB                                 |
| 2.4. Terminating impedance ( input and output ):                            | 850 Ω // 5.0 pF                         |
| 3. Marking:   | manufacturer, date code<br>21.4-0750/14 |
| 4. Environment conditions:  | Corresponding to Vectron standard CF001 |

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