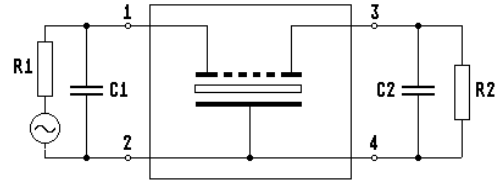
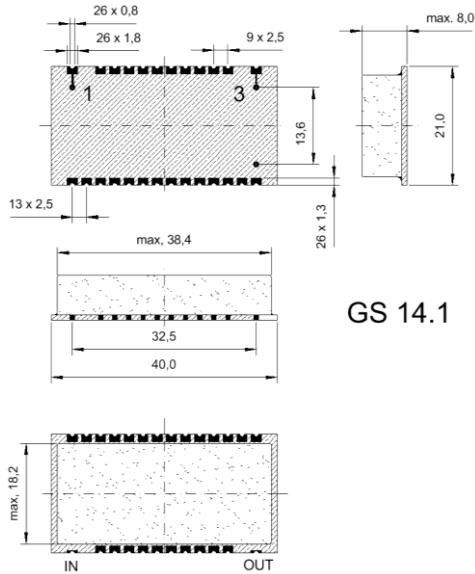


Specification for monolithic crystal filter:

**MQF 35.25 - 5000 / 08**

**1. General**

**1.1. Package:**



**Please note:**

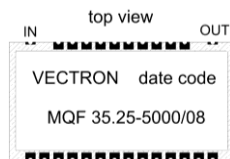
- package is not suitable for reflow soldering
- filters are 2002 / 95 / EC RoHS compliant

- |                                   |                   |
|-----------------------------------|-------------------|
| 1.2. Type name:                   | MQF 35.25-5000/08 |
| 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:                     | 35.25 MHz                 |
| <b>2.2. Pass band</b>                                 |                           |
| 2.2.1. Centre frequency fc:                           | 35.25 MHz ± 2.0 kHz       |
| 2.2.2. Bandwidth between 3 dB - frequencies:          | > fc ± 25 kHz             |
| 2.2.3. Ripple:  | < 1.5 dB at fc ± 17.5 kHz |
| 2.2.4. Insertion loss:                                | < 5.0 dB                  |
| ( measured on smallest attenuation in pass band )     |                           |
| <b>2.3. Stop band</b>                                 |                           |
| 2.3.1. fc ± 100 kHz:                                  | > 70 dB                   |
| 2.3.2. Alternate attenuation: fo ± 910 kHz            | > 60 dB                   |
| 2.3.3. Spurious responses:                            | > 60 dB                   |
| 2.4. Terminating impedance ( input and output ):      | 50 Ω // 0 pF              |
| 2.5. Maximum Input power level (working/non-damaged): | 0 / +10 dBm               |

**3. Marking:**



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

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