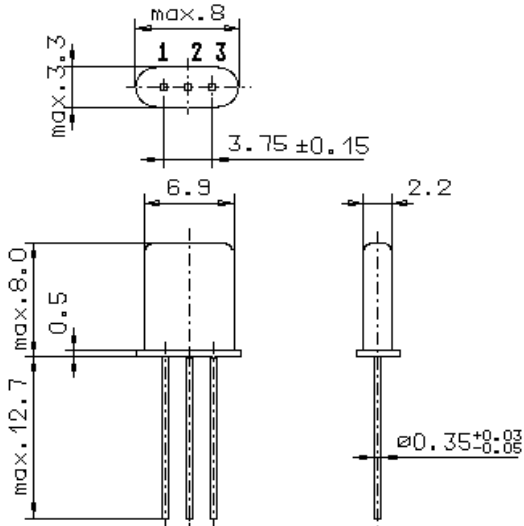


Specification for monolithic crystal filter:

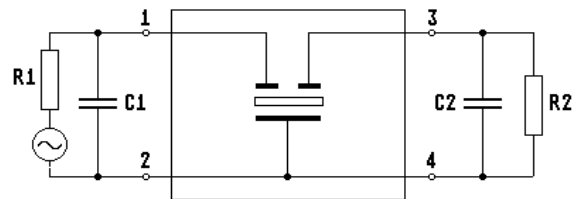
**MQF 70.0-2000/01**

**1. General**

1.1. Package:



GH9



- |                                   |                  |
|-----------------------------------|------------------|
| 1.2. Type name:                   | MQF 70.0-2000/01 |
| 1.3. Number of poles:             | 2                |
| 1.4. Operable temperature range:  | -25°C to +80°C   |
| 1.5. Operating temperature range: | -20°C to +70°C   |
| 1.6. Storage temperature range:   | -30°C to +85°C   |

**2. Electric values**

- |                                   |          |
|-----------------------------------|----------|
| 2.1. Nominal centre frequency fo: | 70.0 MHz |
|-----------------------------------|----------|

**2.2. Pass band**

- |   |                          |
|---|--------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies:                                | ≥ fo ± 10.0 kHz          |
| 2.2.2. Ripple:  | ≤ 1.0 dB at fo ± 7.0 kHz |
| 2.2.3. Insertion loss:<br>( measured on smallest attenuation in pass band ) | ≤ 2.0 dB                 |

**2.3. Stop band**

- |                                   |                             |
|-----------------------------------|-----------------------------|
| 2.3.1. fo ± 40 kHz                | ≥ 15 dB ( except spurious ) |
| 2.3.2. fo -200 kHz.....-1000 kHz  | ≥ 40 dB                     |
| 2.3.3. fo + 500 kHz.....+1000 kHz | ≥ 35 dB ( except spurious ) |

- |  |                   |
|--|-------------------|
| 2.4. Terminating impedance ( input and output ): | 2500 Ω // -1.5 pF |
|--|-------------------|

- |             |   |
|-------------|---|
| 3. Marking: | manufacturer, date code<br>70.0-2000/01 |
|-------------|---|

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

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