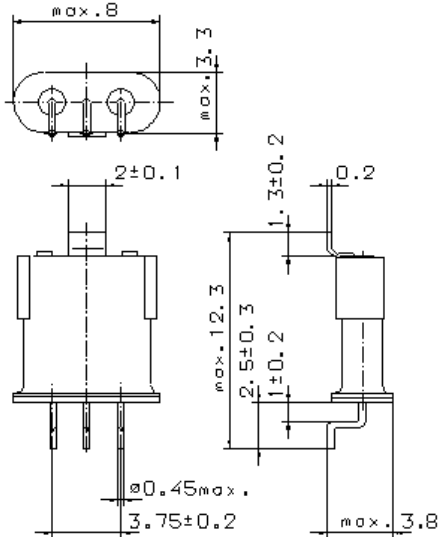


Specification for monolithic crystal filter

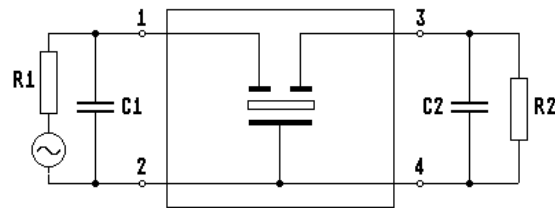
**MQF 61.44-1500/01**

**1. General**

1.1. Package:



**GH9S1**



- |                                   |                   |
|-----------------------------------|-------------------|
| 1.2. Type name:                   | MQF 61.44-1500/01 |
| 1.3. Number of poles:             | 2                 |
| 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: | 61.44 MHz |
|-----------------------------------|-----------|

**2.2. Pass band**

- |   |                          |
|---|--------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies:                                | ≥ fo ± 7.5 kHz           |
| 2.2.2. Ripple:  | ≤ 1.0 dB at fo ± 5.0 kHz |
| 2.2.3. Insertion loss:<br>( measured on smallest attenuation in pass band ) | ≤ 3.0 dB                 |

**2.3. Stop band**

- |                     |                             |
|---------------------|-----------------------------|
| 2.3.1. fo ± 100 kHz | ≥ 30 dB ( except spurious ) |
| 2.3.2. fo ± 500 kHz | ≥ 40 dB ( except spurious ) |

- |  |                   |
|--|-------------------|
| 2.4. Terminating impedance ( input and output ): | 3.0 kΩ // -0.7 pF |
|--|-------------------|

- |             |  |
|-------------|--|
| 3. Marking: | manufacturer, date code<br>61.44-1500/01 |
|-------------|--|

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

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