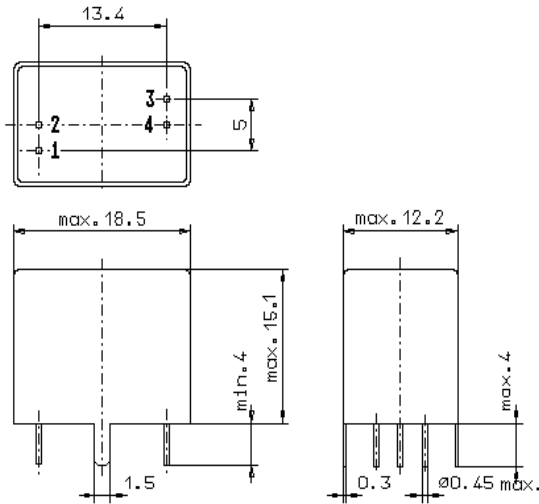


Specification for monolithic crystal filter:

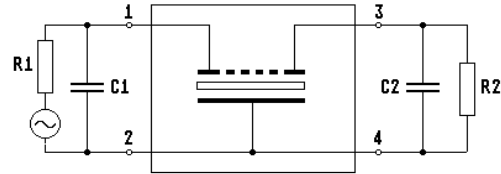
**MQF 10.7-1500/23**

1. General

1.1. Package:



GV5.1



- |                                   |                  |
|-----------------------------------|------------------|
| 1.2. Type name:                   | MQF 10.7-1500/23 |
| 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: | 10.7 MHz |
|-----------------------------------|----------|

2.2. Pass band

- |   |                                    |
|---|------------------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies:                                | $\geq f_0 \pm 7.5$ kHz             |
| 2.2.2. Ripple:  | $\leq 2.0$ dB at $f_0 \pm 6.0$ kHz |
| 2.2.3. Insertion loss:<br>( measured on smallest attenuation in pass band ) | $\leq 3.5$ dB                      |

2.3. Stop band

- |  |              |
|--|--------------|
| 2.3.1. $f_0 \pm 17$ kHz                  | $\geq 70$ dB |
| 2.3.2. $f_0 \pm 22$ kHz..... $\pm 1$ MHz | $\geq 90$ dB |

- |  |                          |
|--|--------------------------|
| 2.4. Terminating impedance ( input and output ): | 4700 $\Omega$ // -0.5 pF |
|--|--------------------------|

- |             |   |
|-------------|---|
| 3. Marking: | manufacturer, date code<br>10.7-1500/23 |
|-------------|---|

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

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