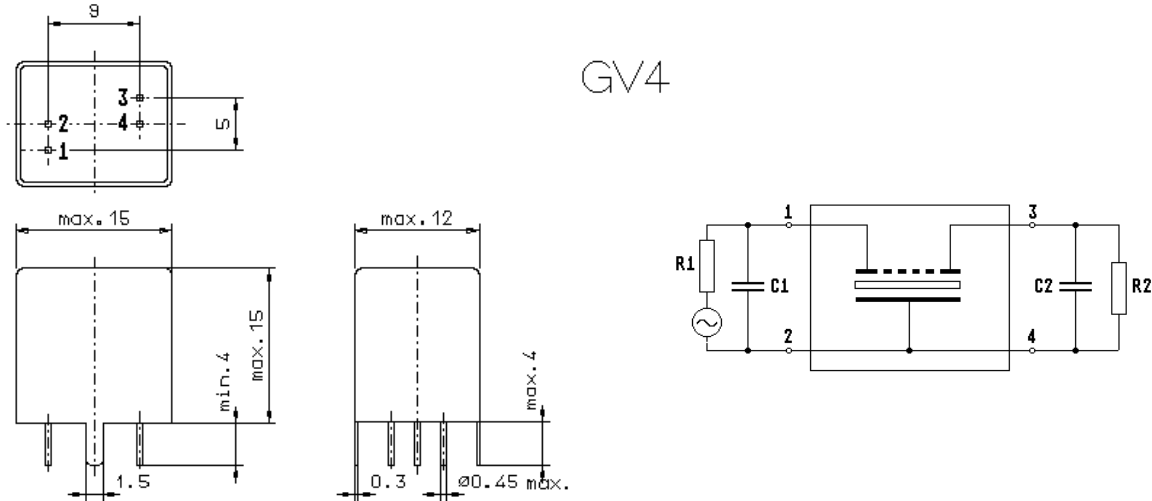


Specification for monolithic crystal filter:

**MQF 10.7-0750/03**

1. General

1.1. Package:



- |                                   |                  |
|-----------------------------------|------------------|
| 1.2. Type name:                   | MQF 10.7-0750/03 |
| 1.3. Number of poles:             | 6                |
| 1.4. Operable temperature range:  | -30°C to +80°C   |
| 1.5. Operating temperature range: | -25°C to +70°C   |
| 1.6. Storage temperature range:   | -55°C to +80°C   |

2. Electric values

- |                                                                             |                                         |
|-----------------------------------------------------------------------------|-----------------------------------------|
| 2.1. Nominal centre frequency $f_0$ :                                       | 10.7 MHz                                |
| 2.2. Pass band                                                              |                                         |
| 2.2.1. Bandwidth between 3 dB - frequencies:                                | $\geq f_0 \pm 3.75$ kHz                 |
| 2.2.2. Ripple ( at $f_0 \pm 3.0$ kHz ):                                     | $\leq 2.0$ dB                           |
| 2.2.3. Insertion loss:<br>( measured on smallest attenuation in pass band ) | $\leq 3.0$ dB                           |
| 2.3. Stop band                                                              |                                         |
| 2.3.1. $f_0 \pm 8.75$ kHz                                                   | $\geq 45$ dB                            |
| 2.3.2. $f_0 \pm 12.5$ kHz                                                   | $\geq 65$ dB                            |
| 2.3.3. $f_0 \pm 12.5$ kHz..... $\pm 300$ kHz                                | $\geq 65$ dB                            |
| 2.4. Terminating impedance ( input and output ):                            | $1800 \Omega // 3.5$ pF                 |
| 3. Marking:                                                                 | manufacturer, date code<br>10.7-0750/03 |
| 4. Environment conditions:                                                  | Corresponding to Vectron standard CF001 |

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