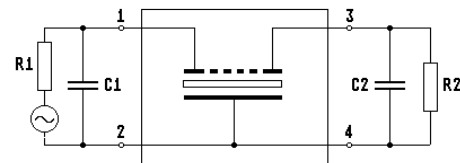
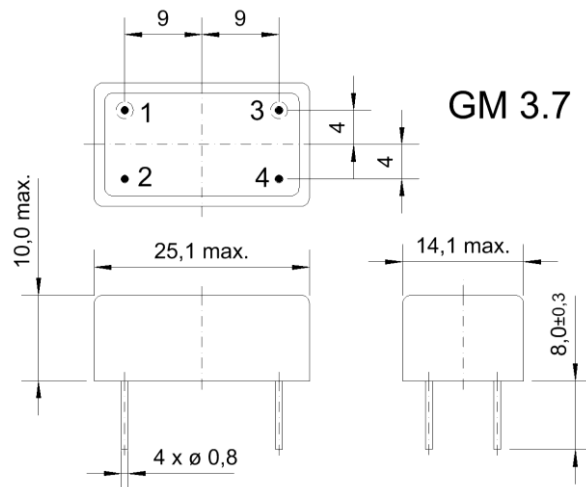


Specification for monolithic crystal filter:

**MQF 38.4-0600/03**

## 1. General

### 1.1. Package:



- |                                   |                  |
|-----------------------------------|------------------|
| 1.2. Type name:                   | MQF 38.4-0600/03 |
| 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:                     | 38.4 MHz                 |
| 2.2. <b>Pass band</b>                                 |                          |
| 2.2.1. Bandwidth between 3 dB - frequencies:          | > fo ± 3.0 kHz           |
| 2.2.2. Ripple:  | < 2.0 dB at fo ± 2.0 kHz |
| 2.2.3. Insertion loss:                                | < 5.5 dB                 |
| ( measured on smallest attenuation in pass band )     |                          |
| 2.3. <b>Stop band</b>                                 |                          |
| 2.3.1. fo ± 10 kHz                                    | > 40 dB                  |
| 2.3.2. fo ± 12.5 kHz                                  | > 60 dB                  |
| 2.3.3. Alternate Attenuation                          | > 60 dB                  |
| 2.4. Nominal / maximum input power level              | 0 dBm / +15 dBm          |
| 2.5. Terminating impedance R//C ( input and output ): | 50 Ω // 0 pF             |

### 3. Marking:

top view



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

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