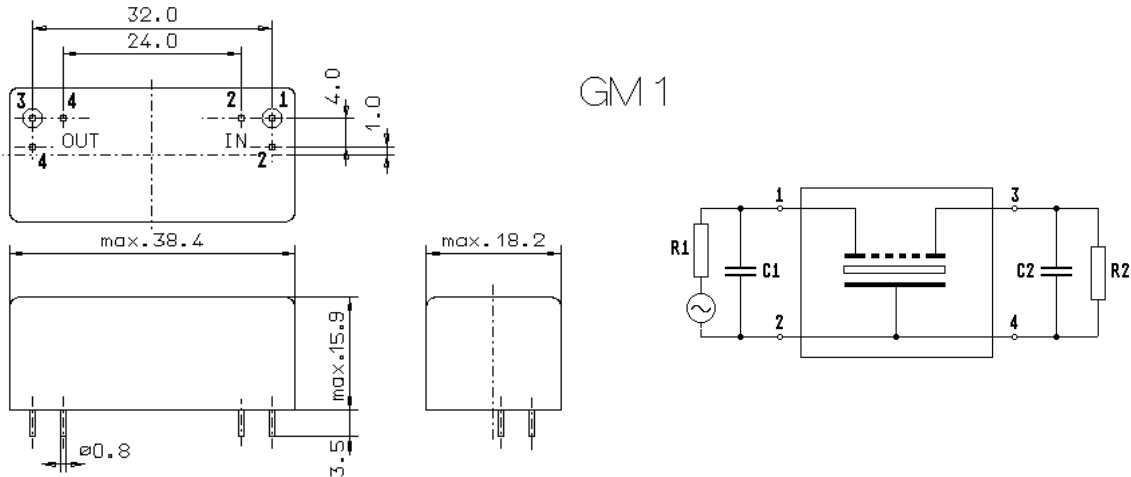


Specification for crystal filter:

**QF 10.7-20000/04**

## 1. General

### 1.1. Package:



- |                                   |                  |
|-----------------------------------|------------------|
| 1.2. Type name:                   | QF 10.7-20000/04 |
| 1.3. Number of poles:             | 4                |
| 1.4. Operating temperature range: | -40°C to +85°C   |
| 1.5. Storage temperature range:   | -45°C to +85°C   |

## 2. Electric values

- |   |  |
|---|--|
| 2.1. Nominal centre frequency $f_0$ :                                       | 10.7 MHz                                 |
| 2.2. <b>Pass band</b>   |  |
| 2.2.1. Bandwidth between 3 dB - frequencies:                                | $\geq f_0 \pm 100$ kHz                   |
| 2.2.2. Ripple:  | $\leq 2.0$ dB at $f_0 \pm 75$ kHz        |
| 2.2.3. Insertion loss:<br>( measured on smallest attenuation in pass band ) | $\leq 10.0$ dB                           |
| 2.2.4. Maximum input power level:   | +10 / +20 dBm ( working / non-damaged )  |
| 2.3. <b>Stop band</b>   |  |
| 2.3.1. $f_0 \pm 350$ kHz  | $\geq 40$ dB                             |
| 2.3.2. Alternate attenuation  | $\geq 60$ dB except spurious             |
| 2.4. Terminating impedance ( input and output ):                            | 50 $\Omega$ // 0 pF                      |
| 3. Marking:   | manufacturer, date code<br>10.7-20000/04 |
| 4. Environment conditions:  | Corresponding to Vectron standard CF001  |

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