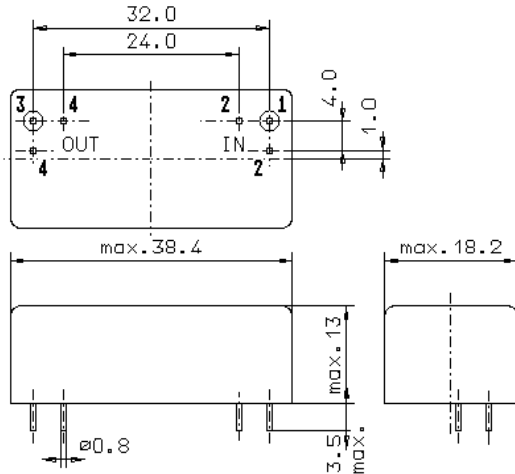


Specification for monolithic crystal filter:

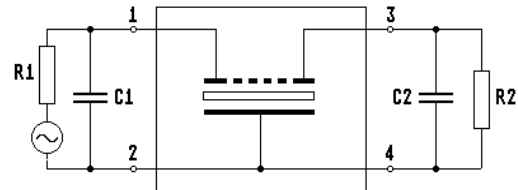
**MQF 10.7-0240/07**

**1. General**

**1.1. Package:**



GM17



- |                                   |                  |
|-----------------------------------|------------------|
| 1.2. Type name:                   | MQF 10.7-0240/07 |
| 1.3. Number of poles:             | 8                |
| 1.4. Operable temperature range:  | -25°C to +80°C   |
| 1.5. Operating temperature range: | -20°C to +70°C   |
| 1.6. Storage temperature range:   | -35°C to +85°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:                                | $\geq f_0 \pm 1.2$ kHz            |
| 2.2.2. Ripple:  | $\leq 2.0$ dB at $f_0 \pm 900$ Hz |
| 2.2.3. Insertion loss:<br>( measured on smallest attenuation in pass band ) | $\leq 5.0$ dB                     |

**2.3. Stop band**

- |   |              |
|---|--------------|
| 2.3.1. $f_0 \pm 5$ kHz                    | $\geq 70$ dB |
| 2.3.2. $f_0 \pm 200$ kHz..... $\pm 1$ MHz | $\geq 80$ dB |

- |  |                     |
|--|---------------------|
| 2.4. Terminating impedance ( input and output ): | 50 $\Omega$ // 0 pF |
|--|---------------------|

- |             |   |
|-------------|---|
| 3. Marking: | manufacturer, date code<br>MQF 10.7-0240/07 |
|-------------|---|

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

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