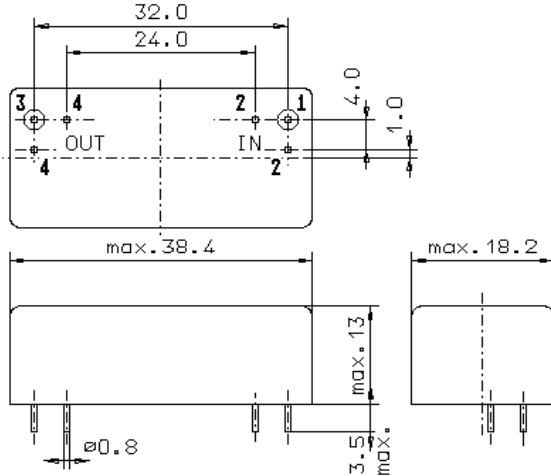


Specification for monolithic crystal filter:

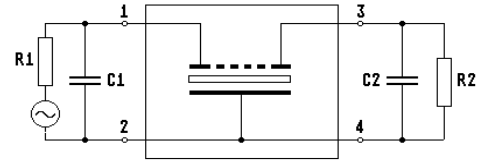
**MQF 10.7-1000/11**

**1. General**

1.1. Package:



GM17



- |                                   |                  |
|-----------------------------------|------------------|
| 1.2. Type name:                   | MQF 10.7-1000/11 |
| 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 $f_0$ : | 10.7 MHz |
|---------------------------------------|----------|

**2.2. Pass band**

- |   |                        |
|---|------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies:                                | $\geq f_0 \pm 5.0$ kHz |
| 2.2.3. Ripple ( at $f_0 \pm 3.0$ kHz ):                                     | $\leq 2.0$ dB          |
| 2.2.4. Insertion loss:<br>( measured on smallest attenuation in pass band ) | $\leq 6.0$ dB          |

**2.3. Stop band**

- |                              |              |
|------------------------------|--------------|
| 2.3.1. $f_0 \pm 20$ kHz      | $\geq 40$ dB |
| 2.3.2. Alternate attenuation | $\geq 60$ dB |
| 2.3.3. Spurious responses:   | $\geq 60$ dB |

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

- |             |   |
|-------------|---|
| 3. Marking: | manufacturer, date code<br>MQF 10.7-1000/11 |
|-------------|---|

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

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