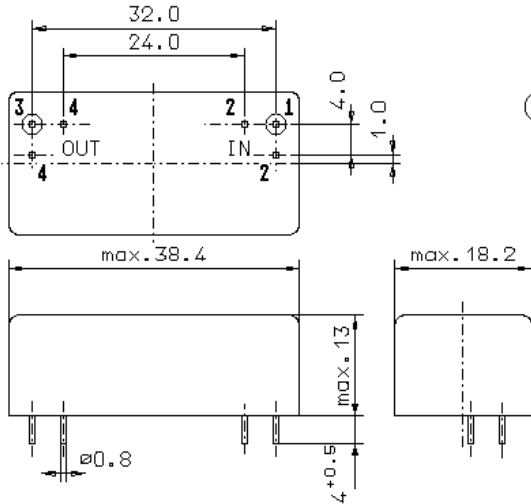


Specification for monolithic crystal filter:

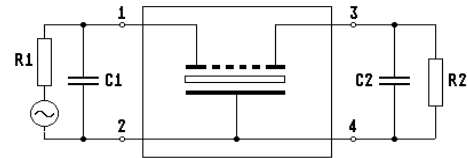
**MQF 10.7-1500/20V0**

**1. General**

**1.1. Package:**



GM17.2



- |                                   |                    |
|-----------------------------------|--------------------|
| 1.2. Type name:                   | MQF 10.7-1500/20V0 |
| 1.3. Number of poles:             | 8                  |
| 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 +105°C    |

**2. Electric values**

- |                                   |          |
|-----------------------------------|----------|
| 2.1. Nominal centre frequency fo: | 10.7 MHz |
|-----------------------------------|----------|

**2.2. Pass band**

- |   |                          |
|---|--------------------------|
| 2.2.1. Centre frequency fc:   | 10.7 MHz ± 300 Hz        |
| 2.2.2. Bandwidth between 3 dB - frequencies:                                | > 15 kHz                 |
| 2.2.3. Ripple:  | ≤ 1.5 dB at fc ± 6.0 kHz |
| 2.2.4. Insertion loss:<br>( measured on smallest attenuation in pass band ) | ≤ 3.5 dB                 |

**2.3. Stop band**

- |                                  |         |
|----------------------------------|---------|
| 2.3.1. fc ± 17.5 kHz             | ≥ 70 dB |
| 2.3.2. fc ± 25 kHz.....± 500 kHz | ≥ 90 dB |

- |  |                |
|--|----------------|
| 2.4. Terminating impedance ( input and output ): | 910 Ω // 25 pF |
|--|----------------|

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|-------------------------|---|
| 3. Marking on the case: | manufacturer, date code<br>MQF 10.7-1500/20V0 |
|-------------------------|---|

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

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

