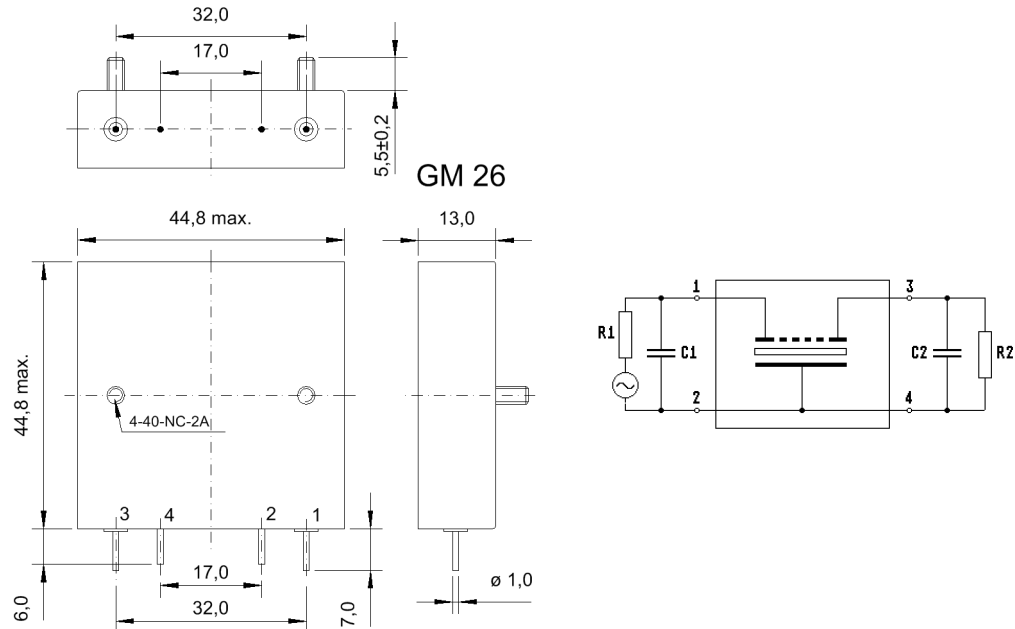


Specification for monolithic crystal filter: **MQF 11.5 - 1700 / 04**

**1. General**

1.1. Package:



- |                                   |                  |
|-----------------------------------|------------------|
| 1.2. Type name:                   | MQF 11.5-1700/04 |
| 1.3. Number of poles:             | 8                |
| 1.4. Operable temperature range:  | -40°C to +85°C   |
| 1.5. Operating temperature range: | -40°C to +70°C   |
| 1.6. Storage temperature range:   | -55°C to +105°C  |

**2. Electric values**

- |   |   |
|---|---|
| 2.1. Nominal centre frequency fo:   | 11.5 MHz                                    |
| <b>2.2. Pass band</b>   |   |
| 2.2.1. Centre frequency fc:   | 11.5 MHz ± 300 Hz                           |
| 2.2.2. Bandwidth between 3 dB - frequencies:                                | ≥ fo ± 8.5 kHz                              |
| 2.2.3. Ripple:  | ≤ 2.0 dB at fo ± 5.0 kHz                    |
| 2.2.4. Insertion loss:<br>( measured on smallest attenuation in pass band ) | ≤ 3.5 dB                                    |
| <b>2.3. Stop band</b>   |   |
| 2.3.1. fo ± 17.5 kHz  | ≥ 70 dB                                     |
| 2.3.2. fo ± 910 kHz   | ≥ 90 dB                                     |
| 2.4. Terminating impedance ( input and output ):                            | 50 Ω // 0 pF                                |
| 3. Marking on the package:  | manufacturer, date code<br>MQF 11.5-1700/04 |
| 4. Environment conditions:  | Corresponding to Telefilter CF001           |

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