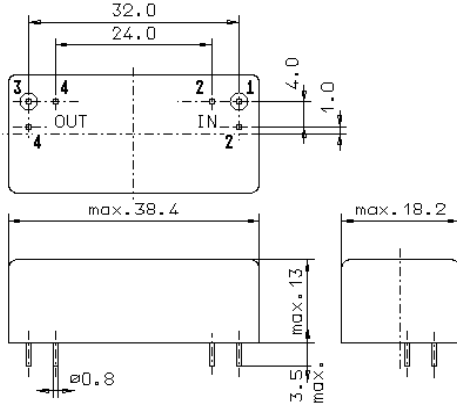


Specification for monolithic crystal filter:

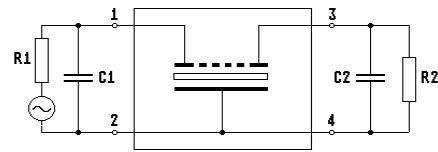
**MQF 10.7-0840/08V0**

**1. General**

1.1. Case:



GM17



- |                                   |                    |
|-----------------------------------|--------------------|
| 1.2. Type name:                   | MQF 10.7-0840/08V0 |
| 1.3. Number of poles:             | 10                 |
| 1.4. Operating temperature range: | -20°C to +85°C     |
| 1.5. Storage temperature range:   | -35°C to +85°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 ± 500 Hz |
| 2.2.2. Bandwidth between 3 dB - frequencies:                                | ≥ fo ± 4.2 kHz    |
| 2.2.3. Ripple ( at fo ± 3.15 kHz ):   | ≤ 1.0 dB          |
| 2.2.4. Insertion loss:<br>( measured on smallest attenuation in pass band ) | ≤ 3.5 dB          |

**2.3. Stop band**

- |                               |         |
|-------------------------------|---------|
| 2.3.1. fo ± 8.5 kHz           | ≥ 60 dB |
| 2.3.2. fo ± 10.5 kHz          | ≥ 80 dB |
| 2.3.3. Alternate attenuation: | ≥ 80 dB |

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

- |                         |                                       |
|-------------------------|---------------------------------------|
| 3. Marking on the case: | firm, year week<br>MQF 10.7-0840/08V0 |
|-------------------------|---------------------------------------|

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

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