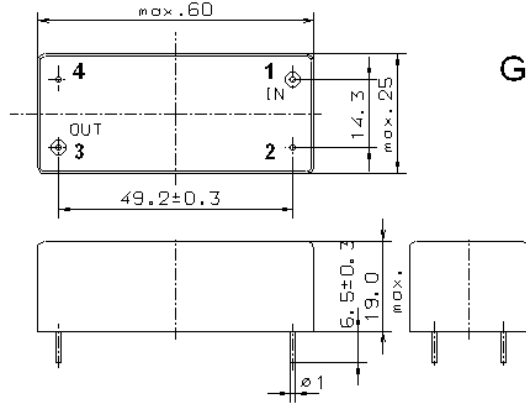


Specification for crystal filter:

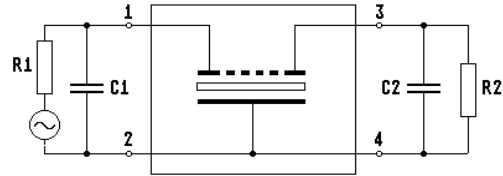
**Q F 0.455 - 0010/06**

**1. General**

1.1. Case:



**GM34.5**



- |                                   |                  |
|-----------------------------------|------------------|
| 1.2. Type name:                   | QF 0.455-0010/06 |
| 1.3. Number of poles:             | 5                |
| 1.4. Operating temperature range: | -20°C to +50°C   |
| 1.5. Storage temperature range:   | -45°C to +85°C   |

**2. Electric values**

- |                                   |           |
|-----------------------------------|-----------|
| 2.1. Nominal centre frequency fo: | 0.455 MHz |
|-----------------------------------|-----------|

**2.2. Pass band**

- |   |                                      |
|---|--------------------------------------|
| 2.2.1. Bandwidth between 6 dB frequencies:                                  | > fo ± 0.035 kHz<br>< fo ± 0.065 kHz |
| 2.2.2. Ripple at fo ± 0.02 kHz:   | < 2 dB                               |
| 2.2.3. Insertion loss:<br>( measured on smallest attenuation in pass band ) | < 7.0 dB                             |

**2.3. Stop band**

- |                                 |         |
|---------------------------------|---------|
| 2.3.1. fo ± 0.2 kHz             | > 60 dB |
| 2.3.2. Alternate attenuation:   | > 60 dB |
| 2.3.3. Shape factor 60dB / 6dB: | < 4     |

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

- |                         |   |
|-------------------------|---|
| 3. Marking on the case: | manufacturer, date code<br>QF 0.455-0010/06 |
|-------------------------|---|

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

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