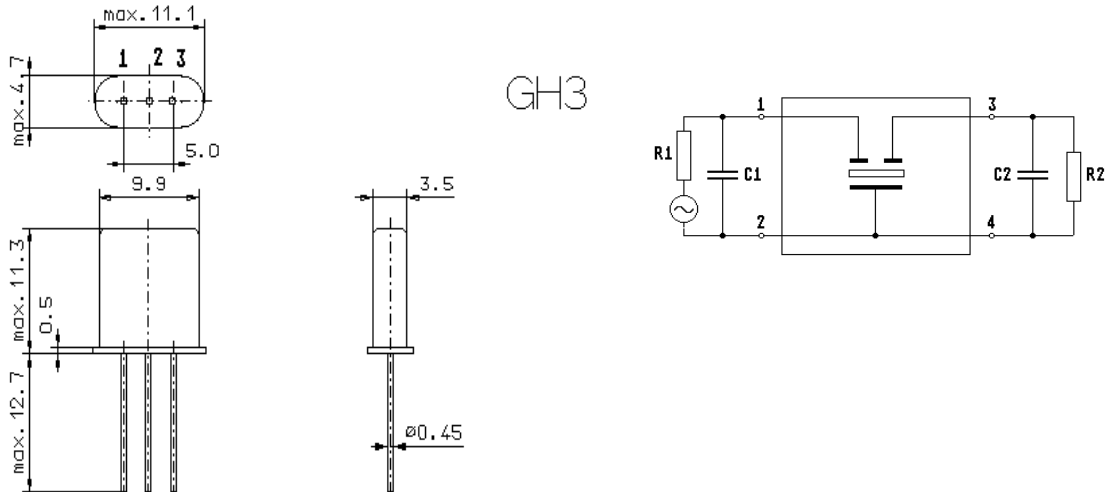


Specification for monolithic crystal filter:

**MQF 10.0-0760/01**

**1. General**

1.1. Package:



- 1.2. Type name: MQF 10.0-0760/01
- 1.3. Number of poles: 2
- 1.4. Operating temperature range: -40°C to +85°C
- 1.5. Storage temperature range: -55°C to +85°C

**2. Electric values**

- 2.1. Nominal centre frequency  $f_0$ : 10.0 MHz

**2.2. Pass band**

- 2.2.1. Bandwidth between 3 dB - frequencies:  $\geq f_0 \pm 3.8$  kHz
- 2.2.2. Ripple:  $\leq 1.0$  dB at  $f_0 \pm 2.0$  kHz
- 2.2.3. Insertion loss:  $\leq 1.0$  dB  
( measured on smallest attenuation in pass band )

**2.3. Stop band**

- 2.3.1.  $f_0 \pm 40$  kHz  $\geq 30$  dB
- 2.3.2.  $f_0 \pm 60$  kHz.....600 kHz  $\geq 40$  dB
- 2.3.3. Spurious responses:  $\geq 14$  dB

- 2.4. Terminating impedance ( input and output ):  $3900 \Omega // 2.0$  pF

- 3. Marking: manufacturer, date code  
10.0-0760/01

- 4. Environment conditions: Corresponding to Vectron CF001

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