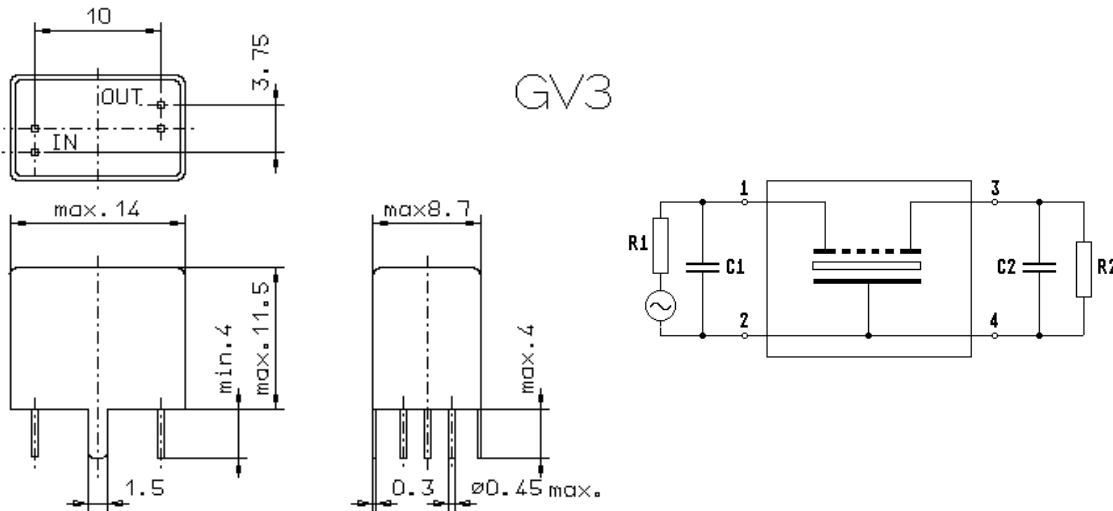


Specification for monolithic crystal filter:

**MQF 45.0-0750/04**

1. General

1.1. Package:



- 1.2. Type name: MQF 45.0-0750/04
- 1.3. Number of poles: 8
- 1.4. Operating temperature range: -20°C to +70°C
- 1.5. Storage temperature range: -45°C to +85°C

2. Electric values

- 2.1. Nominal centre frequency  $f_0$ : 45.0 MHz
- 2.2. Pass band
  - 2.2.1. Bandwidth between 3 dB - frequencies:  $> f_0 \pm 3.75$  kHz
  - 2.2.2. Ripple:  $< 2.0$  dB at  $f_0 \pm 3.0$  kHz
  - 2.2.3. Insertion loss:  $< 7.0$  dB  
( measured on smallest attenuation in pass band )
- 2.3. Stop band
  - 2.3.1.  $f_0 \pm 12.5$  kHz  $> 65$  dB
  - 2.3.2.  $f_0 \pm 25$  kHz.....  $\pm 500$  kHz  $> 80$  dB
  - 2.3.3. Alternate attenuation:  $> 80$  dB ( except spurious )
- 2.4. Terminating impedance ( input and output ):  $350 \Omega // 5.0$  pF

- 3. Marking: manufacturer, date code  
45.0-0750/04
- 4. Environment conditions: Corresponding to Vectron standard CF001

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