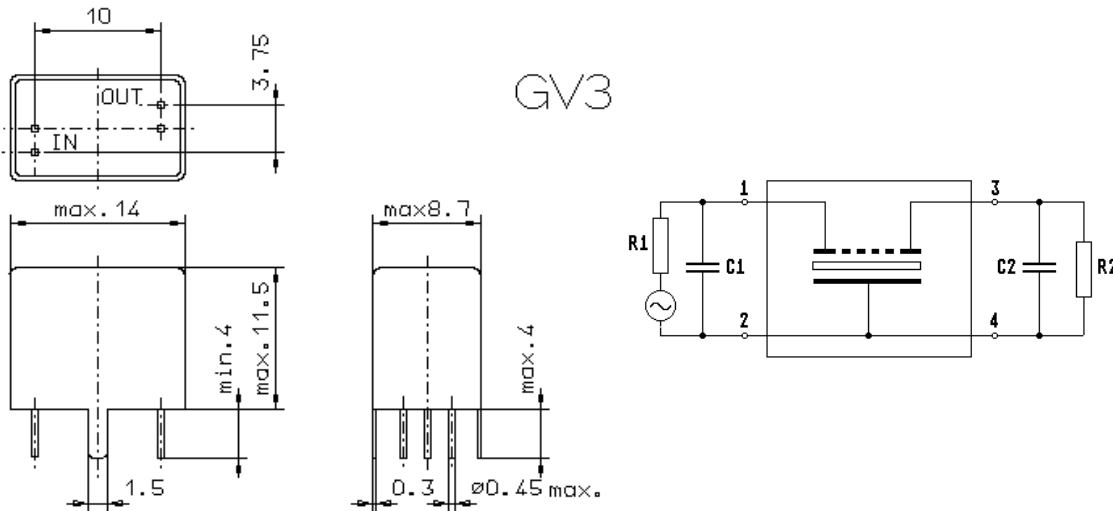


Specification for monolithic crystal filter:

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..... ± 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: _____