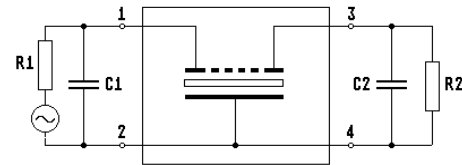
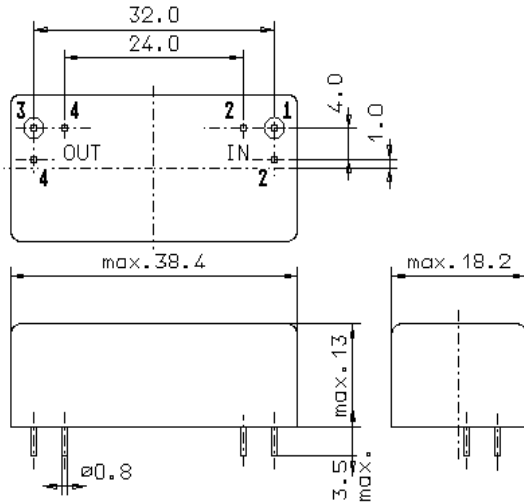


Specification for monolithic crystal filter:

**MQF 10.7-5000/03**

1. General

1.1. Package:



- 1.2. Type name: MQF 10.7-5000/03
- 1.3. Number of poles: 6
- 1.4. Operating temperature range: -20°C to +70°C
- 1.5. Storage temperature range: -35°C to +85°C

2. Electric values

- 2.1. Nominal centre frequency  $f_0$ : 10.7 MHz

2.2. Pass band

- 2.2.1. Bandwidth between 3 dB - frequencies:  $\geq f_0 \pm 25$  kHz
- 2.2.2. Ripple:  $\leq 2.0$  dB at  $f_0 \pm 20$  kHz
- 2.2.3. Insertion loss:  $\leq 3.5$  dB  
( measured on smallest attenuation in pass band )

2.3. Stop band

- 2.3.1.  $f_0 + 62.5$  kHz  $\geq 60$  dB ( except spurious )
- 2.3.2.  $f_0 - 62.5$  kHz  $\geq 57$  dB
- 2.3.3. Alternate attenuation:  $\geq 80$  dB ( except spurious )

- 2.4. Terminating impedance ( input and output ):  $50 \Omega // 0$  pF

- 3. Marking: manufacturer, date code  
MQF 10.7-5000/03

- 4. Environment conditions: Corresponding to Vectron standard CF001

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