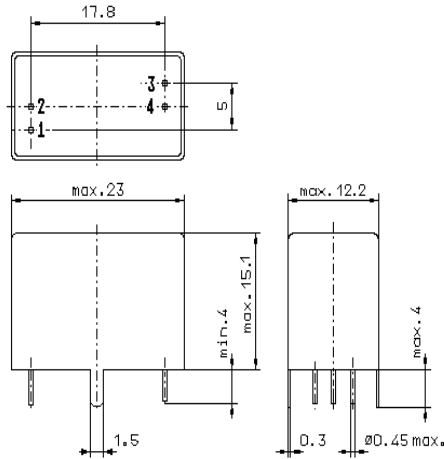


Specification for monolithic crystal filter:

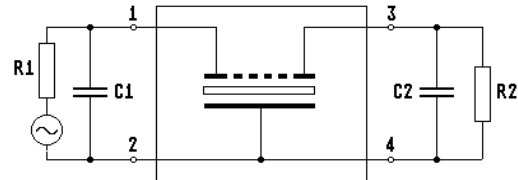
MQF 10.703-0375/04

1. General

1.1. Package:



GV6.2



- | | |
|-----------------------------------|--------------------|
| 1.2. Type name: | MQF 10.703-0375/04 |
| 1.3. Number of poles: | 8 |
| 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 fo: | 10.703 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 6 dB - frequencies: | $\geq f_o \pm 1.875$ kHz |
| 2.2.2. Ripple: | ≤ 2.0 dB at $f_o \pm 1.2$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 4.0 dB |
| 2.3. Stop band | |
| 2.3.1. $f_o \pm 4.0$ kHz | ≥ 60 dB |
| 2.3.2. $f_o \pm 5.0$ kHz | ≥ 80 dB |
| 2.3.3. Alternate attenuation | ≥ 80 dB |
| 2.4. Terminating impedance (input and output): | $50 \Omega // 0$ pF |
| 2.5. Level linearity vs. input power (measured at fo): | < 0.20 dB (input power range: -40 to -10 dBm) |
| 3. Marking: | manufacturer, date code
MQF 10.703-0375/04 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |

Edited by: _____ date: _____ name: _____