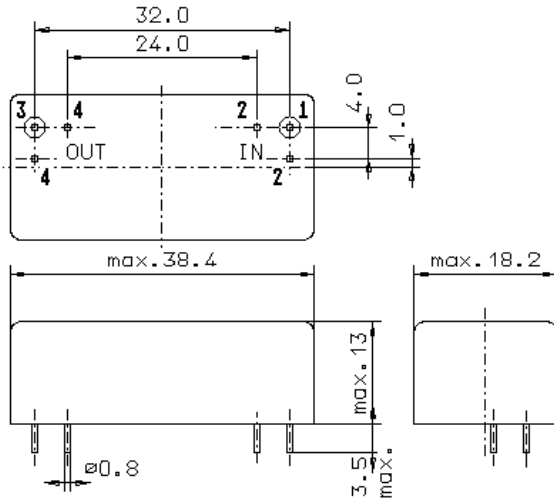


Specification for crystal filter:

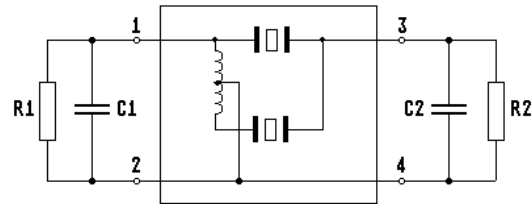
QF 10.7-10000/08

1. General

1.1. Package:



GM17



- | | |
|---|------------------|
| 1.2. Type name: | QF 10.7-10000/08 |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range (OTR): | -40°C to +85°C |
| 1.5. Storage temperature range: | -55°C to +85°C |

2. Electric values

- | | |
|---|---|
| 2.1. Nominal centre frequency fo: | 10.7 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB frequencies: | > fo ± 50 kHz |
| 2.2.2. Ripple: | < 2.0 dB at fo ± 25 kHz |
| 2.2.3. Group delay distortion: | < 3.0 μs at fo ± 25 kHz |
| 2.2.4. Insertion loss: | < 5.0 dB |
| (measured on smallest attenuation in pass band) | |
| 2.3. Stop band | |
| 2.3.1. fo ± 200 kHz | > 40 dB (except spurious) |
| 2.3.2. Alternate attenuation: | > 80 dB (except spurious) |
| 2.4. Terminating impedance (input and output): | 50 Ω // 0 pF |
| 2.5. Maximum input power level without damage: | +10dBm |
| 3. Marking: | manufacturer, date code
QF 10.7-10000/08 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |

Edited by: _____ date: _____ name: _____