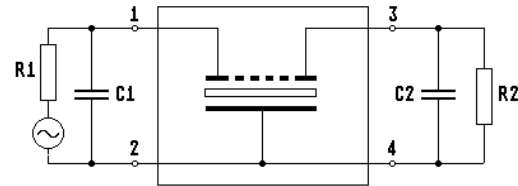
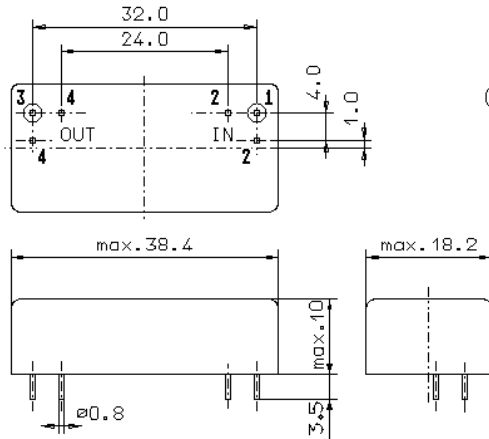


Specification for crystal filter:

QF 5.0-0600/08

1. General

1.1. Package:



- | | |
|-----------------------------------|----------------|
| 1.2. Type name: | QF 5.0-0600/08 |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -40°C to +85°C |
| 1.5. Storage temperature range: | -55°C to +85°C |

2. Electric values

- | | |
|---|---|
| 2.1. Nominal centre frequency fo: | 5.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Centre frequency fc (at +25°C): | 5.0 MHz ± 90 Hz |
| 2.3.2. Bandwidth between 3 dB - frequencies: | > fc ± 3.0 kHz |
| 2.2.3. Ripple in pass band: | < 1.0 dB (peak to peak) |
| 2.2.4. Insertion loss:
(measured on smallest attenuation in pass band) | < 5.0 dB |
| 2.2.5. Differential group delay within fc ± 3.0 kHz: | < 100 µs |
| 2.3. Stop band | |
| 2.3.1. fc ± 15 kHz: | > 40 dB |
| 2.3.2. fc ± 24 kHz: | > 60 dB |
| 2.3.3. fc +41 kHz / fc -43 kHz: | > 80 dB |
| 2.3.4. Guaranteed attenuation (fc ± 910 kHz): | > 80 dB (except spurious) |
| 2.4. Terminating impedance (input and output): | 50 Ω // 0 pF |
| 2.5. Maximum input power level: | +10 dBm / +15 dBm (working / non-damaged) |
| 3. Marking: | manufacturer, date code
QF 5.0-0600/08 |
| 4. Environment conditions: | Corresponding to Vectron MIL standard |

Edited by: _____ date: _____ name: _____