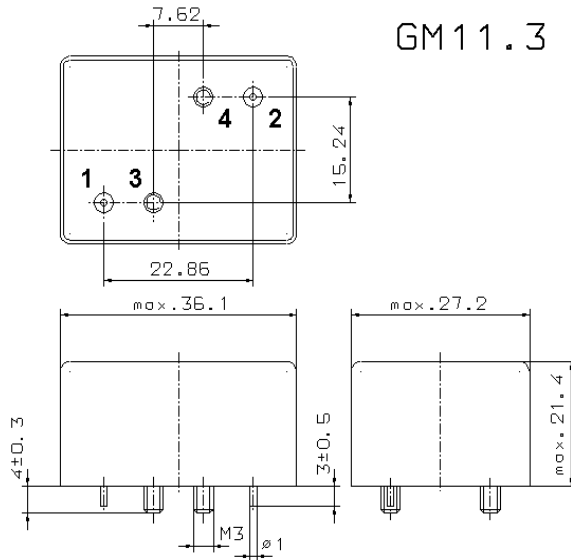


Specification for crystal filter:

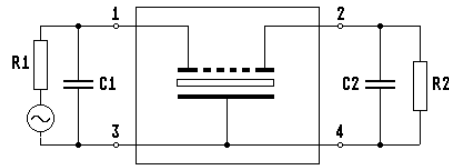
QF 4.9985 - 0060/08

1. General

1.1. Package:



GM11.3



Note: Pin 2 - Output Pin 3 - Ground

- | | |
|-----------------------------------|-------------------|
| 1.2. Type name: | QF 4.9985-0060/08 |
| 1.3. Number of poles: | 8 |
| 1.4. Operating temperature range: | 0°C to +75°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

- | | |
|---|--|
| 2.1. Nominal centre frequency fo: | 4.9985 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 2 dB frequencies: | > fo ± 0.3 kHz |
| 2.2.2. Ripple at fo ± 0.3 kHz: | < 2 dB |
| 2.2.3. Insertion loss: | < 4.0 dB |
| (measured on smallest attenuation in pass band) | |
| 2.3. Stop band | |
| 2.3.1. fo ± 0.85 kHz | > 60 dB |
| 2.3.2. Alternate attenuation: | > 80 dB |
| 2.4. Terminating impedance (input and output): | 50 Ω // 0 pF |
| 2.5. Out band Intermodulation | |
| - input power level: | -10 dBm |
| - frequencies: | fo ± 1 kHz / fo ± 2 kHz |
| - Intermodulation | > 80 dB |
| 3. Marking: | manufacturer, date code
QF 4.9985-0060/08 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |