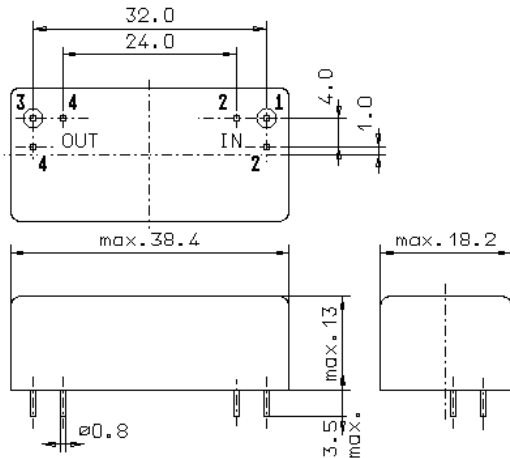


Specification for crystal filter:

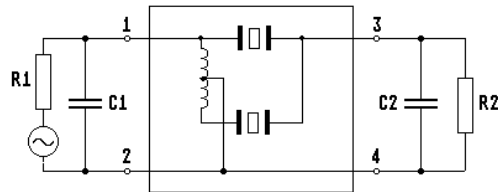
QF 23.3-12500/06

1. General

1.1. Package:



GM17



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | QF 23.3-12500/06 |
| 1.3. Number of poles: | 6 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

- | | |
|---------------------------------------|----------|
| 2.1. Nominal centre frequency f_0 : | 23.3 MHz |
|---------------------------------------|----------|

2.2. Pass band

- | | |
|---|-------------------------|
| 2.2.1. Bandwidth between 1 dB - frequencies: | $> f_0 \pm 62.5$ kHz |
| 2.2.2. Ripple at $f_0 \pm 62.5$ kHz: | < 1.0 dB peak to peak |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | < 4.5 dB |

2.3. Stop band

- | | |
|-------------------------------|-----------|
| 2.3.1. $f_0 \pm 1.7$ MHz | > 60 dB |
| 2.3.2. Alternate attenuation: | > 60 dB |

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

- | | |
|---------------------------------|-------------------------------------|
| 2.5. Maximum input power level: | +10 / +20 (working / non-damaged) |
|---------------------------------|-------------------------------------|

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
QF 23.3-12500/06 |
|-------------|---|

- | | |
|----------------------------|---|
| 4. Environment conditions: | Corresponding to Vectron CF001 standard |
|----------------------------|---|

Edited by: _____ date: _____ name: _____