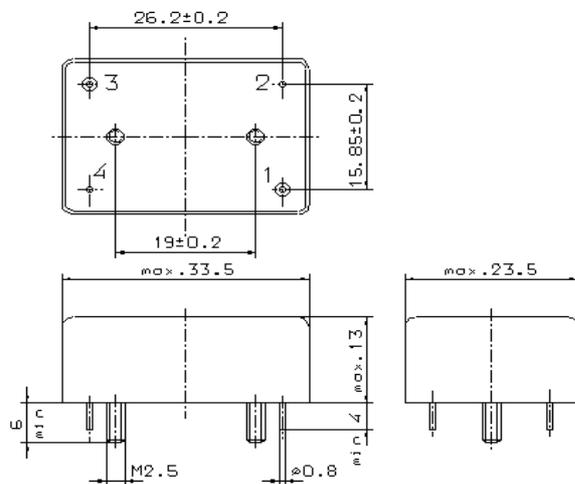


Specification for monolithic crystal filter series

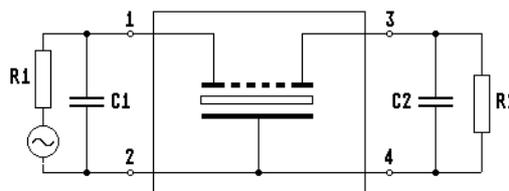
MQF 130.0.....180.0-1400/C

1. General

1.1. Package:



GM 33



- | | |
|-----------------------------------|------------------------|
| 1.2. Type name: | MQF 130.....180-1400/C |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -35°C to +80°C |

2. Electric values

- | | |
|---|--|
| 2.1. Nominal center frequency f_0 : | 130.....180 MHz
T.B.D. by customer for each order |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_0 \pm 7.0$ kHz |
| 2.2.2. Ripple: | ≤ 1.0 dB at $f_0 \pm 5.0$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 5.5 dB |
| 2.3. Stop band | |
| 2.3.1. $f_0 \pm 30$ kHz | ≥ 20 dB |
| 2.3.2. $f_0 \pm 60$ kHz | ≥ 45 dB |
| 2.3.3. $f_0 \pm 910$ kHz | ≥ 60 dB |
| 2.3.4. Spurious responses | ≥ 15 dB |
| 2.4. Terminating impedance (input and output): | 50 Ω // 0 pF |
| 2.5. Maximum input power level: | -10 dBm / +10 dBm (working / non-damaged) |
| 3. Marking: | manufacturer, date code
MQF 1xx.xxx-1400/C

e. g. for center frequency 134.325 MHz filter part description is: MQF 134.325-1400/C |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |

Edited by: _____ date: _____ name: _____