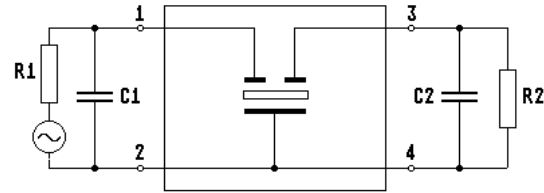
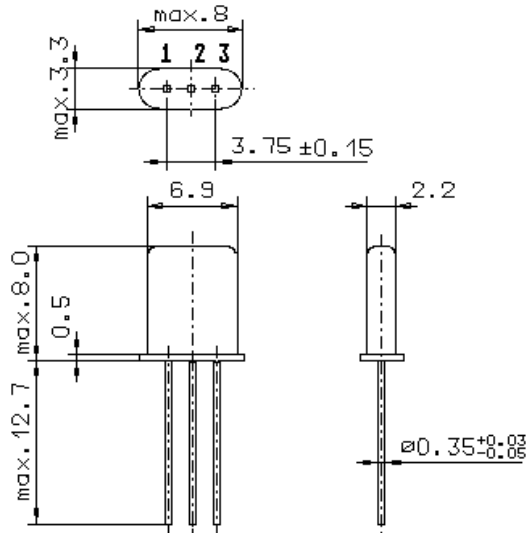


1. General

1.1. Package:



- | | |
|-----------------------------------|-------------------|
| 1.2. Type name: | MQF 100.0-1500/06 |
| 1.3. Number of poles: | 2 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -30°C to +85°C |

2. Electric values

- | | |
|---|--|
| 2.1. Nominal centre frequency f_0 : | 100.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_0 \pm 7.5$ 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) | ≤ 2.0 dB |
| 2.3. Stop band | |
| 2.3.1. $f_0 \pm 25$ kHz..... ± 10 MHz | ≥ 15 dB (except spurious) |
| 2.3.2. $f_0 \pm 10$ MHz | ≥ 30 dB |
| 2.4. Terminating impedance (input and output): | 1450 Ω // -1.5 pF |
| 2.5. Maximum input power: | 0 dBm |
| 3. Marking: | manufacturer, date code
100.0-1500/06 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |