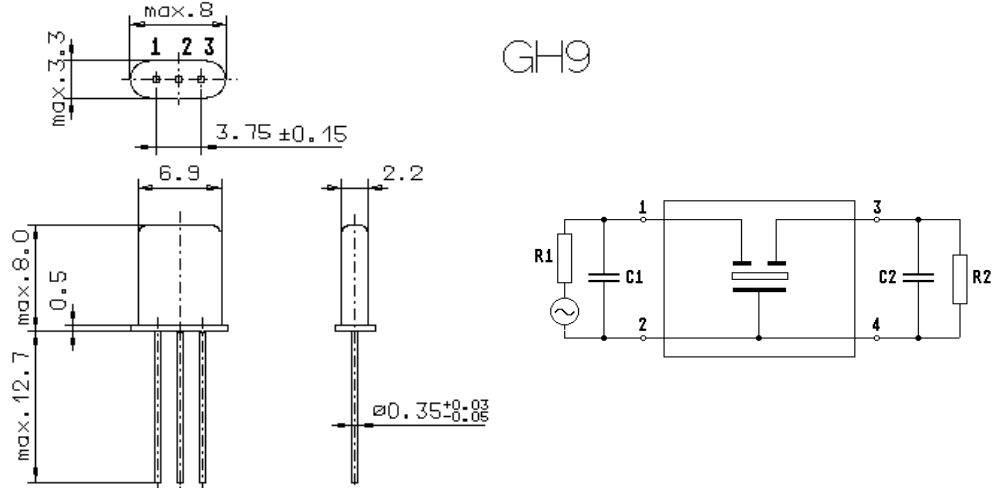


Specification for monolithic crystal filter

MQF 100.0 - 1500/06

1. General

1.1. Package:



1.2. Type name: MQF 100.0-1500/06

1.3. Number of poles: 2, 5 th overtone

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 fo: 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: ≤ 2.0 dB

(measured on smallest attenuation in pass band)

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): $1450 \Omega // -1.5$ pF

2.5. Maximum input power: 0 dBm

3. Marking on the case: manufacturer, year week
100.0-1500/06

4. Environment conditions: Corresponding to Telefilter CF001

Edited by: _____ date: _____ name: _____