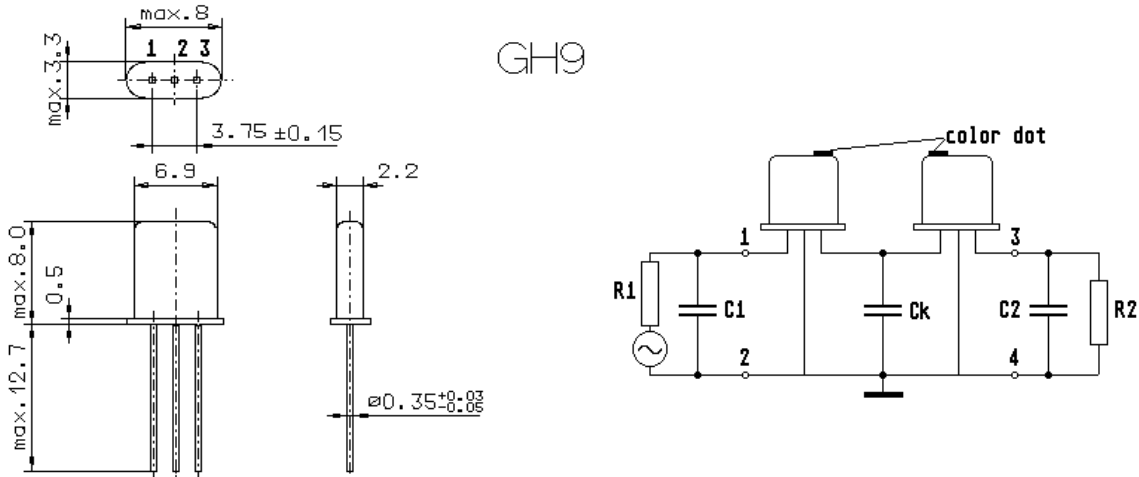


Specification for monolithic crystal filter:

MQF 21.4-0300/07

1. General

1.1. Package: 2 x GH9 (each filter consists of a pair of two matched packages GH9)



- 1.2. Type name: MQF 21.4-0300/07
- 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 centre frequency fo: 21.4 MHz

2.2. Pass band

- 2.2.1. Bandwidth between 3 dB - frequencies: $\geq f_o \pm 1.5 \text{ kHz}$
- 2.2.2. Ripple: Gaussian
- 2.2.3. Insertion loss: $\leq 4.0 \text{ dB}$
(measured on smallest attenuation in pass band)

2.3. Stop band

- 2.3.1. $f_o \pm 10 \text{ kHz}$ $\geq 40 \text{ dB}$
- 2.3.2. Alternate attenuation: $\geq 60 \text{ dB}$ (except spurious)

2.4. Terminating impedance R//C (input and output): $800 \Omega // 2.2 \text{ pF}$

2.4.1. Coupling capacitance C_c: 40 pF

3. Marking: manufacturer, date code
21.4-0300/07

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: _____ date: _____ name: _____