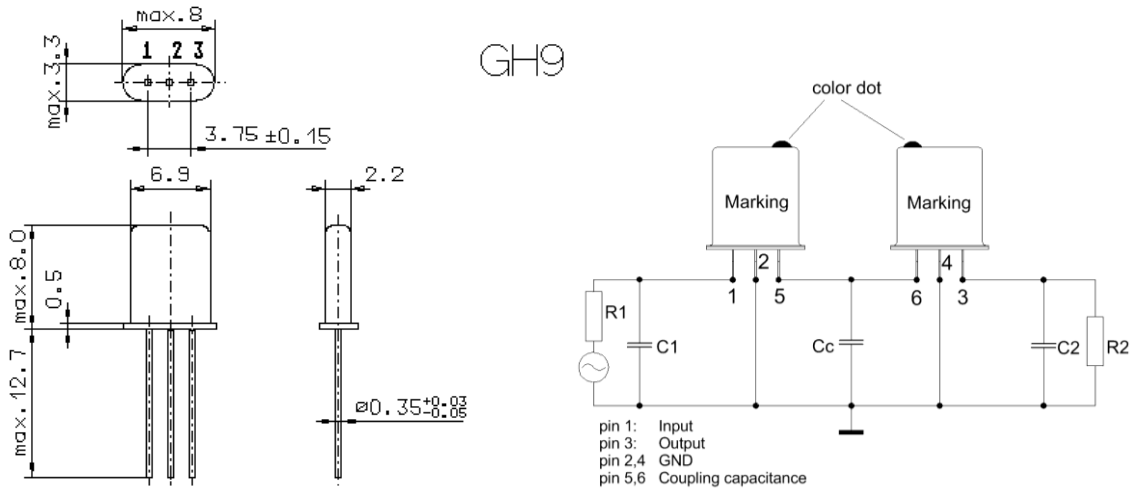


1. General

1.1. Package: 2 x GH 9 (each filter consists of a pair of two matched duals)



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 70.0-2000/07 |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -40°C to +85°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

- | | |
|---|------------------------------------|
| 2.1. Nominal centre frequency f_0 : | 70.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_0 \pm 10.0$ kHz |
| 2.2.2. Ripple: | ≤ 2.0 dB at $f_0 \pm 8.0$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 3.0 dB |
| 2.3. Stop band | |
| 2.3.1. $f_0 \pm 40$ kHz | ≥ 35 dB |
| 2.3.2. $f_0 \pm 910$ kHz | ≥ 70 dB |
| 2.3.3. Spurious responses: | ≥ 30 dB |
| 2.4. Terminating impedance (input and output): | $3500 \Omega // -0.7$ pF |
| 2.4.1. Coupling capacitance C_c : | -1.0 pF |

3. Marking: manufacturer, date code
70.0-2000/07

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: _____ date: _____ name: _____