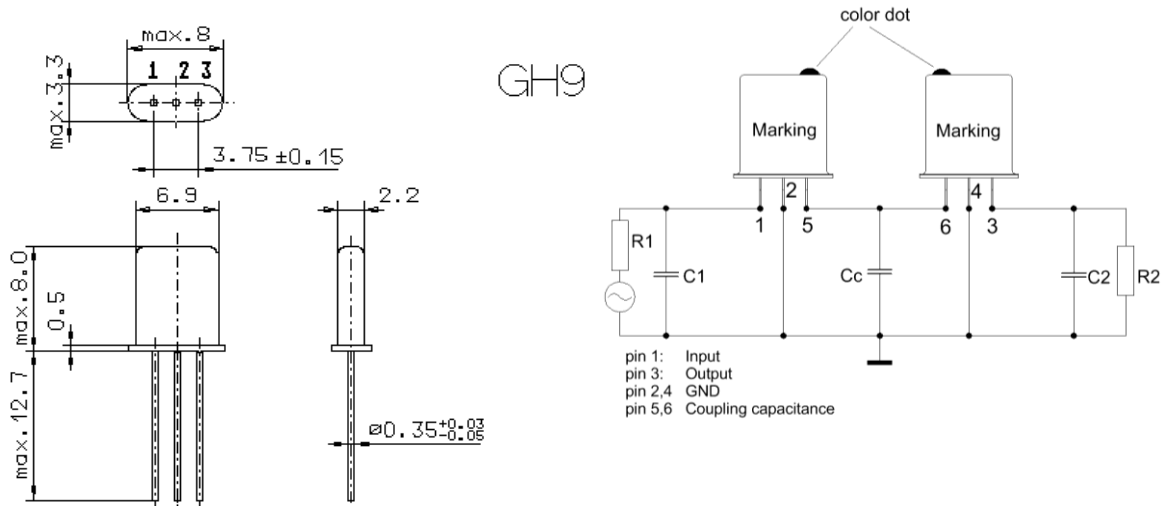


Specification for monolithic crystal filter:

MQF 45.0-3000/02

1. General

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



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 45.0-3000/02 |
| 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: | 45.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | ≥ fo ± 15 kHz |
| 2.2.2. Ripple: | ≤ 1.0 dB at fo ± 10 kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 3.0 dB |
| 2.3. Stop band | |
| 2.3.1. fo ± 50 kHz | ≥ 40 dB |
| 2.3.2. fo ± 910 kHz | ≥ 80 dB |
| 2.3.3. Spurious responses: | ≥ 30 dB |
| 2.4. Terminating impedance
Input and output: | 650 Ω // 3 pF |
| 2.4.1. Coupling capacitance Cc: | 8.0 pF |
| 3. Marking: | manufacturer, date code
45.0-3000/02 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |

Edited by: _____ date: _____ name: _____