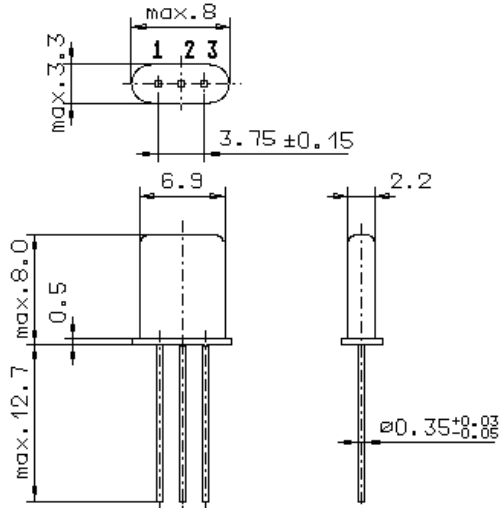


Specification for monolithic crystal filter:

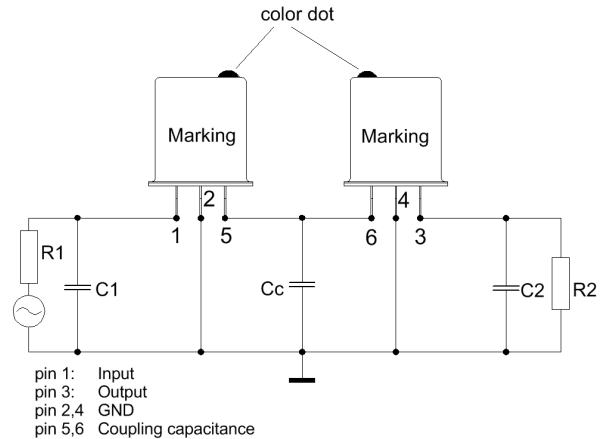
MQF 21.4-0750/16

1. General

1.1. Package:



GH9



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 21.4-0750/16 |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -25°C to +70°C |
| 1.5. Storage temperature range: | -40°C to +85°C |

2. Electric values

- | | |
|---|---------------------------------|
| 2.1. Nominal centre frequency f_0 : | 21.4 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | $> f_0 \pm 3.75$ kHz |
| 2.2.2. Ripple: | < 1.0 dB at $f_0 \pm 3.0$ kHz |
| 2.2.3. Insertion loss: | > 2.5 dB |
| (measured on smallest attenuation in pass band) | |
| 2.3. Stop band | |
| 2.3.1. $f_0 \pm 14.0$ kHz | > 40 dB |
| 2.3.2. $f_0 - 200 \dots 1000$ kHz | > 80 dB |
| 2.3.3. $f_0 + 350 \dots 1000$ kHz | > 65 dB (except spurious) |
| 2.4.1 Terminating impedance (input and output): | $850 \Omega // 5.0$ pF |
| 2.4.2 Coupling capacitance C_c : | 16 pF |

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
21.4-
0750/16 |
|-------------|---|

- | | |
|----------------------------|---|
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |
|----------------------------|---|

Edited by: _____ date: _____ name: _____