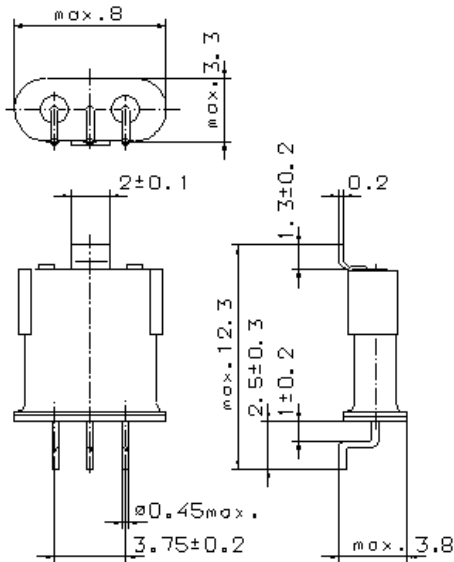


Specification for monolithic crystal filter

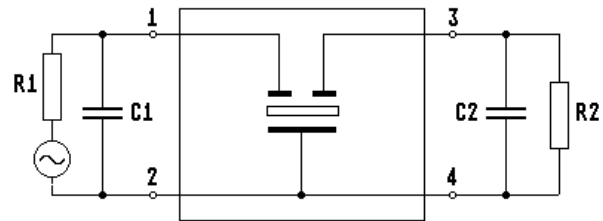
MQF 172.5-1200/01

1. General

1.1. Package



GH9S1



- | | |
|-----------------------------------|-------------------|
| 1.2. Type name: | MQF 172.5-1200/01 |
| 1.3. Number of poles: | 2 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -30°C to +80°C |

2. Electric values

- | | |
|-----------------------------------|-----------|
| 2.1. Nominal center frequency fo: | 172.5 MHz |
|-----------------------------------|-----------|

2.2. Pass band

- | | |
|---|--------------------------|
| 2.2.1. Bandwidth between 1 dB - frequencies: | ≥ fo ± 6.0 kHz |
| 2.2.2. Ripple: | ≤ 1.0 dB at fo ± 6.0 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 | ≥ 20 dB (except spurious) |
| 2.3.2. Alternate attenuation: | ≥ 30 dB (except spurious) |

- | | |
|--|------------------|
| 2.4. Terminating impedance (input and output): | 700 Ω // -0.7 pF |
|--|------------------|

- | | |
|-------------|--|
| 3. Marking: | manufacturer, date code
172.5-1200/01 |
|-------------|--|

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

Edited by: _____ date: _____ name: _____