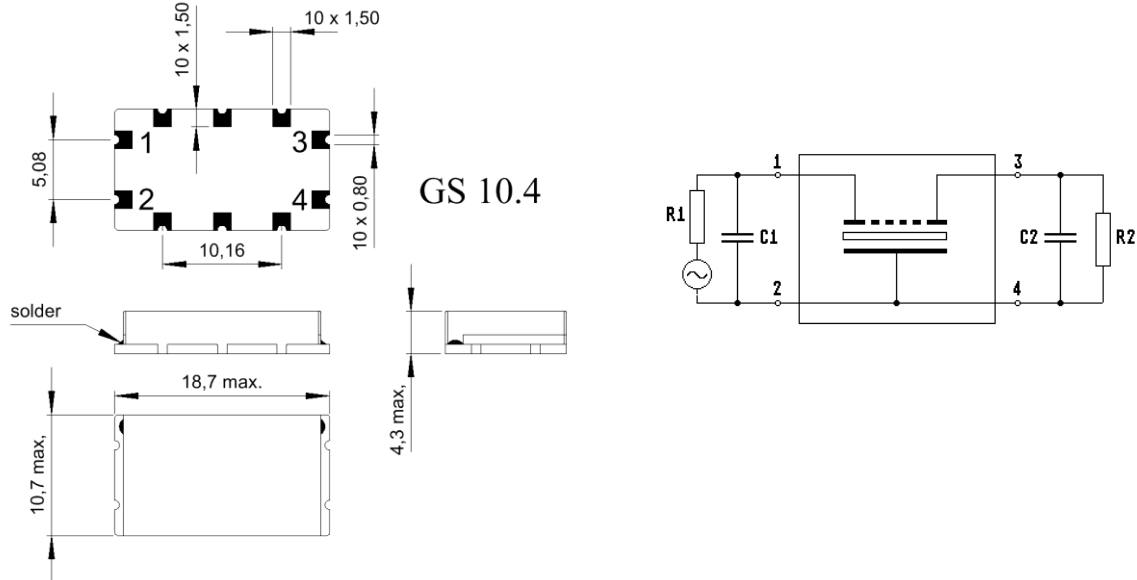


Specification for monolithic crystal filter

MQF 71.64-5000/02

1. General

1.1. Package:

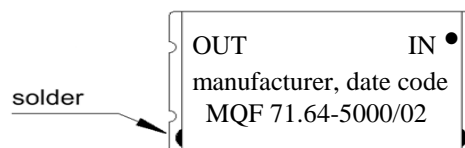


- | | |
|-----------------------------------|-------------------|
| 1.2. Type name: | MQF 71.64-5000/02 |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -15°C to +70°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

- | | |
|---|------------------------------|
| 2.1. Nominal centre frequency fo: | 71.64 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | > fo ± 25 kHz |
| 2.2.2. Ripple: | < 1.5 dB at fo ± 17 kHz |
| 2.2.3. Group delay distortion: | < 5.0 µs at fo ± 17 kHz |
| 2.2.4. Insertion loss:
(measured on smallest attenuation in pass band) | < 4.0 dB |
| 2.3. Stop band | |
| 2.3.1. fo ± 100 kHz | > 35 dB |
| 2.3.2. Alternate attenuation | > 60 dB (except spurious) |
| 2.4. Terminating impedance (input and output): | 600 Ω // 0.5 pF |
| 2.5. Maximum input power level: | -10 (0 dBm without damage) |

3. Marking:



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