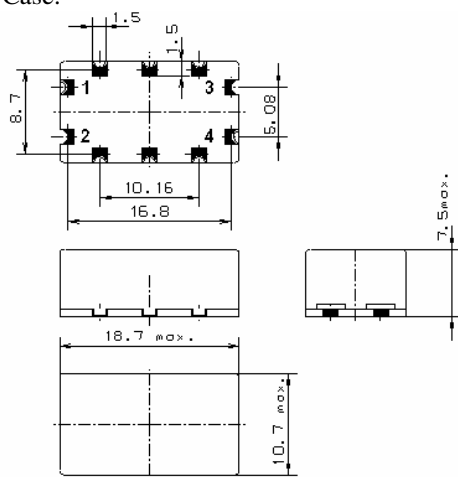


Specification for monolithic crystal filter

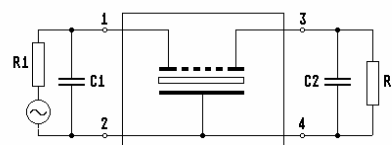
MQF 71.64-5000/02

1. General

1.1. Case:



GS10.2



- | | |
|-----------------------------------|---------------------|
| 1.2. Type name: | MQF 71.64-5000/02 |
| 1.3. Number of poles: | 4, fundamental mode |
| 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 f_0 : | 71.64 MHz |
|---------------------------------------|-----------|

2.2. Pass band

- | | |
|---|-------------------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | $> f_0 \pm 25$ kHz |
| 2.2.2. Ripple: | < 1.5 dB at $f_0 \pm 17$ kHz |
| 2.2.3. Group delay distortion: | < 5.0 μ s at $f_0 \pm 17$ kHz |
| 2.2.4. Insertion loss: | < 4.0 dB |
| (measured on smallest attenuation in pass band) | |

2.3. Stop band

- | | |
|--|-------------------------------|
| 2.3.1. $f_0 \pm 100$ kHz | > 35 dB |
| 2.3.2. Alternate attenuation | > 60 dB (except spurious) |
| 2.4. Terminating impedance (input and output): | $600 \Omega // 0.5$ pF |
| 2.5. Maximum input level: | -10 (0 dBm without damage) |

- | | |
|-------------------------|--|
| 3. Marking on the case: | manufacturer, date code
MQF 71.64-5000/02 |
|-------------------------|--|

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

Edited by: _____ date: _____

Name: _____