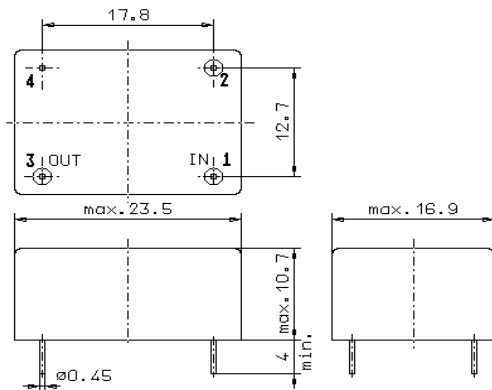


Specification for monolithic crystal filter:

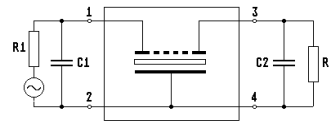
MQF 10.7-3000/19

1. General

1.1. Case:



GM20



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.7-3000/19 |
| 1.3. Number of poles: | 8 |
| 1.4. Operating temperature range: | -40°C to 80°C |
| 1.5. Storage temperature range: | -55°C to 105°C |

2. Electric values

- | | |
|---------------------------------------|----------|
| 2.1. Nominal centre frequency f_0 : | 10.7 MHz |
|---------------------------------------|----------|

2.2. Pass band

- | | |
|---|-----------------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_0 \pm 15$ kHz |
| 2.2.2. Ripple: | ≤ 2.0 dB at $f_0 \pm 10$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 3.5 dB |

2.3. Stop band

- | | |
|--|---|
| 2.3.1. $f_0 \pm 35$ kHz | ≥ 70 dB |
| 2.3.2. $f_0 \pm 50$ kHz..... ± 500 kHz | ≥ 90 dB (except spurious responses) |

- | | |
|--|------------------------|
| 2.4. Terminating impedance (input and output): | 5600 Ω // -1 pF |
|--|------------------------|

- | | |
|-------------------------|-------------------------------------|
| 3. Marking on the case: | firm, year week
MQF 10.7-3000/19 |
|-------------------------|-------------------------------------|

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

Edited by: _____ date: _____ Name: _____