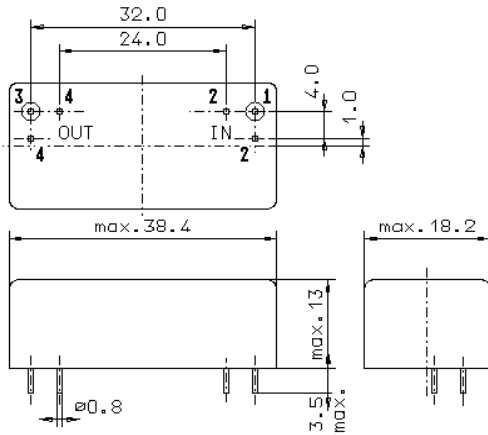


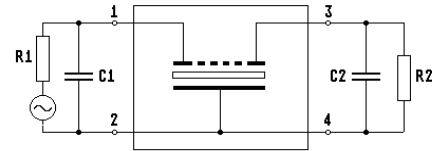
Specification for monolithic crystal filter: **MQF 10.7-6800/03**

1. General

1.1. Package:



GM17



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.7-6800/03 |
| 1.3. Number of poles: | 6 |
| 1.4. Operating temperature range: | -40°C to +70°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

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

2.2. Pass band

- | | |
|---|--------------------|
| 2.2.1. Bandwidth between 6 dB - frequencies: | $> f_0 \pm 34$ kHz |
| 2.2.2. Ripple at $f_0 \pm 20$ kHz: | < 1.5 dB |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | < 4.0 dB |

2.3. Stop band

- | | |
|--|-----------|
| 2.3.1. $f_0 \pm 70$ kHz | > 40 dB |
| 2.3.1. $f_0 \pm 90$ kHz..... ± 300 kHz | > 60 dB |
| 2.3.3. Spurious responses
at $f_0 + 70$ kHz..... $+500$ kHz : | > 30 dB |

- | | |
|--|-----------------------|
| 2.4. Terminating impedance (input and output): | $900 \Omega // 25$ pF |
|--|-----------------------|

- | | |
|----------------------------|---|
| 3. Marking on the package: | manufacturer, date code
MQF 10.7-6800/03
or OEM marking |
|----------------------------|---|

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

Edited by: _____ date: _____ name: _____