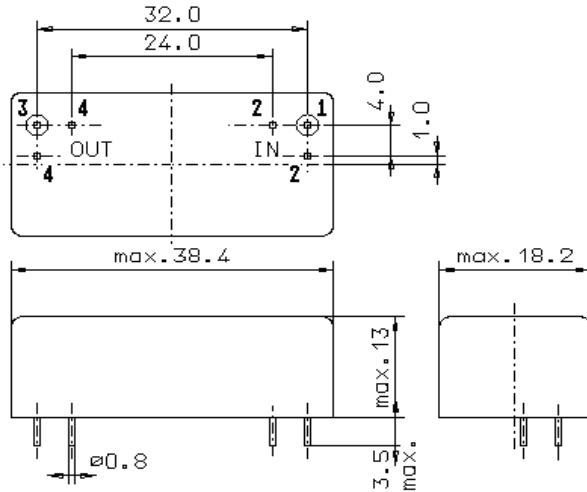


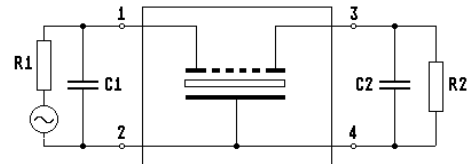
Specification for monolithic crystal filter: MQF 10.7125-2000/04

1. General

1.1. Package:



GM17



- | | |
|-----------------------------------|---------------------|
| 1.2. Type name: | MQF 10.7125-2000/04 |
| 1.3. Number of poles: | 8 |
| 1.4. Operable temperature range: | -50°C to +100°C |
| 1.5. Operating temperature range: | -40°C to +85°C |
| 1.6. Storage temperature range: | -55°C to +120°C |

2. Electric values

- | | |
|---------------------------------------|-------------|
| 2.1. Nominal centre frequency f_0 : | 10.7125 MHz |
|---------------------------------------|-------------|

2.2. Pass band

- | | |
|---|------------------------------------|
| 2.2.1. Centre frequency f_c : | 10.7125 MHz \pm 300 Hz |
| 2.2.2. Bandwidth between 6 dB - frequencies: | $\geq f_c \pm 10.0$ kHz |
| 2.2.3. Ripple: | ≤ 1.5 dB at $f_c \pm 7.5$ kHz |
| 2.2.4. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 4.0 dB |

2.3. Stop band

- | | |
|-------------------------|--------------|
| 2.3.1. $f_c \pm 19$ kHz | ≥ 60 dB |
| 2.3.2. $f_c \pm 22$ kHz | ≥ 80 dB |
| 2.3.3. $f_c \pm 25$ kHz | ≥ 90 dB |

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|--|------------------------|
| 2.4. Terminating impedance (input and output): | 3000 Ω // 25 pF |
|--|------------------------|

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|-----------------|--|
| 3. Marking (): | manufacturer, date code
MQF 10.7125-2000/4
OEM marking on demand |
|-----------------|--|

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|----------------------------|---|
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |
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Edited by: _____ date: _____ name: _____