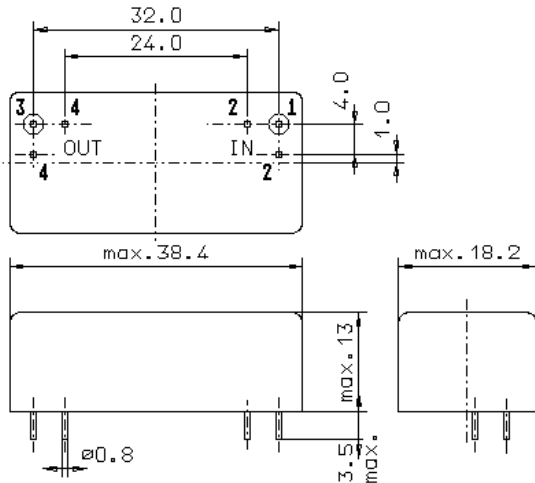


Specification for monolithic crystal filter:

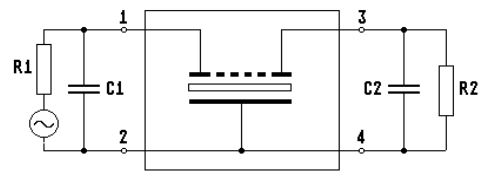
MQF 40.625 - 3000 / 08

1. General

1.1. Package:



GM17



- | | |
|-----------------------------------|--------------------|
| 1.2. Type name: | MQF 40.625-3000/08 |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -35°C to +85°C |

2. Electric values

- | | |
|---------------------------------------|------------|
| 2.1. Nominal centre frequency f_0 : | 40.625 MHz |
|---------------------------------------|------------|

2.2. Pass band

- | | |
|---|---------------------------------------|
| 2.2.1. Bandwidth between 6 dB - frequencies: | $\geq f_0 \pm 15$ kHz |
| 2.2.2. Ripple: | Gaussian |
| 2.2.3. Group delay distortion: | ≤ 10 μ s at $f_0 \pm 15$ kHz |
| 2.2.4. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 6.0 dB |

2.3. Stop band

- | | |
|------------------------------|---------------------------------|
| 2.3.1. $f_0 \pm 50$ kHz | ≥ 40 dB at +25°C |
| 2.3.2. Alternate attenuation | ≥ 60 dB (except spurious) |

- | | |
|--|---------------------|
| 2.4. Terminating impedance (input and output): | 50 Ω // 0 pF |
|--|---------------------|

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
MQF 40.625-3000/08 |
|-------------|---|

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

Edited by: _____ date: _____ name: _____