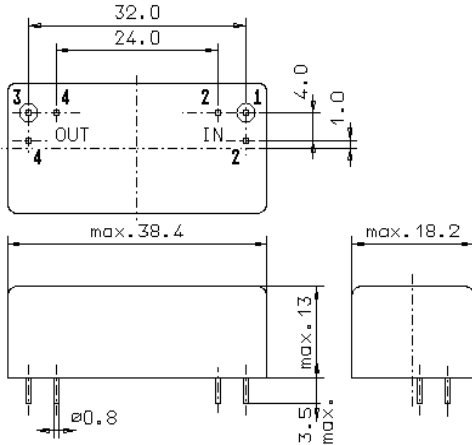


Specification for monolithic crystal filter:

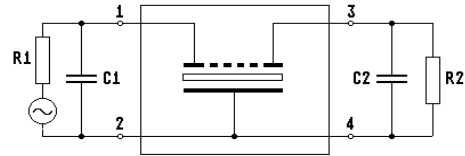
MQF 40.625 - 3000 / 08

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 fo: | 40.625 MHz |
|-----------------------------------|------------|

2.2. Pass band

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

2.3. Stop band

- | | |
|------------------------------|---------------------------------|
| 2.3.1. $f_o \pm 50$ 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 on the case: | manufacturer, date code
MQF 40.625-3000/08 |
|-------------------------|---|

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

Edited by: _____ date: _____ name: _____