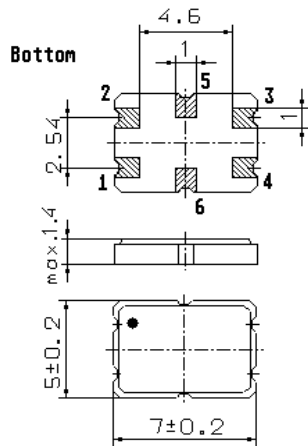


Specification for monolithic crystal filter:

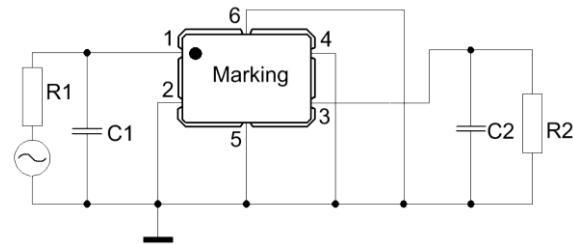
MQF 27.0-2400 / 01

1. General

1.1. Package:



GS 2



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 27.0-2400/01 |
| 1.3. Number of poles: | 2 |
| 1.5. Operating temperature range: | -40°C to +85°C |
| 1.6. Storage temperature range: | -55°C to +85°C |

2. Electric values

- | | |
|---------------------------------------|----------|
| 2.1. Nominal centre frequency f_0 : | 27.0 MHz |
|---------------------------------------|----------|

2.2. Pass band

- | | |
|---|-------------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | $> f_0 \pm 12$ kHz |
| 2.2.2. Ripple: | < 1.0 dB at $f_0 \pm 3$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | < 3.0 dB |

2.3. Stop band

- | | |
|---|-----------|
| 2.3.1. $f_0 \pm 25$ kHz | > 10 dB |
| 2.3.2. $f_0 \pm 40$ kHz | > 18 dB |
| 2.3.3. Alternate attenuation 20.9...21.1 MHz | > 40 dB |
| 2.3.4. Spurious responses | > 15 dB |

- | | |
|--|-------------------------|
| 2.4. Terminating impedance (input and output): | 1000 Ω // 1.6 pF |
|--|-------------------------|

- | | |
|---|-------------|
| 2.6 Maximum Input Level: working / non damaged | 0 / +15 dBm |
|---|-------------|

- | | |
|-------------|----------------------|
| 3. Marking: | M27A
VI date code |
|-------------|----------------------|

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

Edited by: _____ date: _____ name: _____