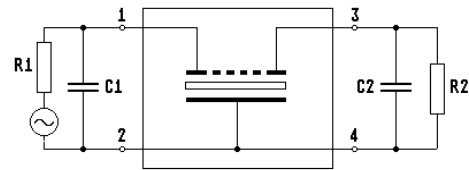
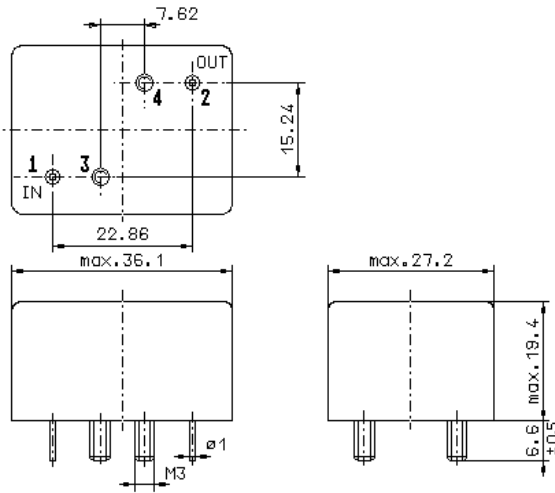


Specification for monolithic crystal filter:

MQF 10.7-2000/07

1. General

1.1. Package:



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.7-2000/07 |
| 1.3. Number of poles: | 8 |
| 1.4. Operating temperature range: | -40°C to +85°C |
| 1.5. Storage temperature range: | -55°C to +125°C |

2. Electric values

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

2.2. Pass band

- | | |
|---|-----------------|
| 2.2.1. Bandwidth between 6 dB - frequencies: | > fo ± 10.0 kHz |
| 2.2.2. Ripple at fo ± 8.0 kHz: | < 2.0 dB |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | < 4.0 dB |

2.3. Stop band

- | | |
|-------------------------------|-----------------------------|
| 2.3.1. fo ± 25 kHz | > 60 dB |
| 2.3.2. fo ± 35 kHz | > 80 dB |
| 2.3.3. Alternate attenuation: | > 80 dB (except spurious) |

- | | |
|--|----------------|
| 2.4. Terminating impedance (input and output): | 3300 Ω // 0 pF |
|--|----------------|

- | | |
|---|-------------------|
| 2.5. Maximum drive level (working / non-damaged): | +10 dBm / +25 dBm |
|---|-------------------|

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
MQF 10.7-2000/07 |
|-------------|---|

- | | |
|----------------------------|----------------------|
| 4. Environment conditions: | Vectron MIL-standard |
|----------------------------|----------------------|

Edited by: _____ date: _____ name: _____