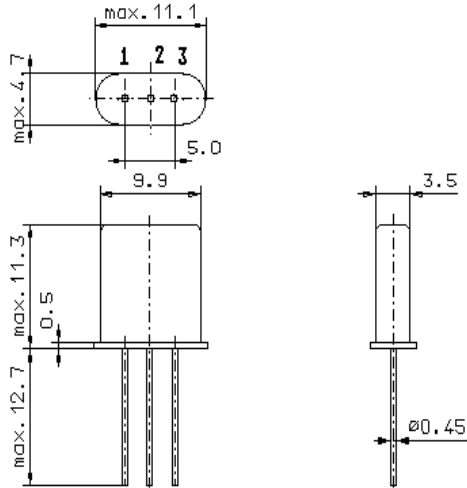


Specification for monolithic crystal filter:

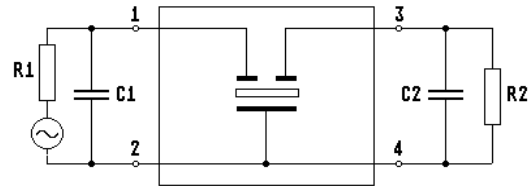
MQF 10.7-0500/06

1. General

1.1. Package:



GH3



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.7-0500/06 |
| 1.3. Number of poles: | 2 |
| 1.4. Operable temperature range: | -30°C to +80°C |
| 1.5. Operating temperature range: | -20°C to +70°C |
| 1.6. Storage temperature range: | -55°C to +80°C |

2. Electric values

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

2.2. Pass band

- | | |
|---|------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_o \pm 2.5$ kHz |
| 2.2.2. Ripple (at $f_o \pm 2.0$ kHz): | ≤ 0.5 dB |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 1.5 dB |

2.3. Stop band

- | | |
|-----------------------------------|--------------|
| 2.3.1. $f_o \pm 12$ kHz | ≥ 20 dB |
| 2.3.2. $f_o + 350$ kHz.....+1 MHz | ≥ 35 dB |
| 2.3.3. $f_o - 350$ kHz.....-1 MHz | ≥ 40 dB |

- | | |
|--|-----------------------|
| 2.4. Terminating impedance (input and output): | 900 Ω // 12 pF |
|--|-----------------------|

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
10.7-0500/06 |
|-------------|---|

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

Edited by: _____ date: _____ name: _____