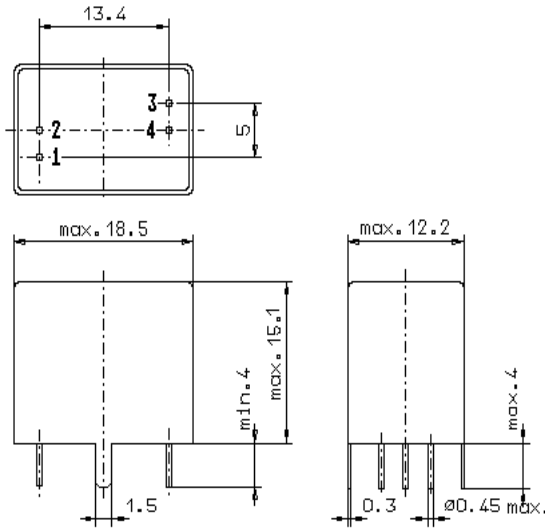
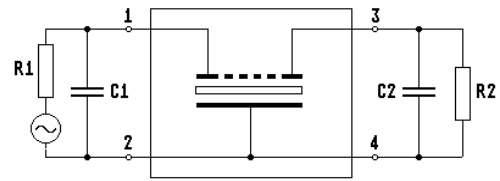


1. General

1.1. Package:



GV5.1



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.7-3000/14 |
| 1.3. Number of poles: | 6 |
| 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: | 10.7 MHz |
|-----------------------------------|----------|

2.2. Pass band

- | | |
|---|-----------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_0 \pm 15$ kHz |
| 2.2.2. Ripple (at $f_0 \pm 12$ kHz): | ≤ 2.0 dB |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 3.0 dB |

2.3. Stop band

- | | |
|---|--------------|
| 2.3.1. $f_0 \pm 35$ kHz | ≥ 45 dB |
| 2.3.2. $f_0 \pm 50$ kHz | ≥ 65 dB |
| 2.3.3. $f_0 \pm 100$ kHz..... ± 500 kHz | ≥ 80 dB |
| 2.3.4. Spurious responses: | ≥ 10 dB |

- | | |
|--|-----------------------|
| 2.4. Terminating impedance (input and output): | 910 Ω // 25 pF |
|--|-----------------------|

- | | |
|-------------|--|
| 3. Marking: | manufacturer, date code
MQF 10.7-3000/14
XFM-107QT |
|-------------|--|

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

Edited by: _____ date: _____ name: _____