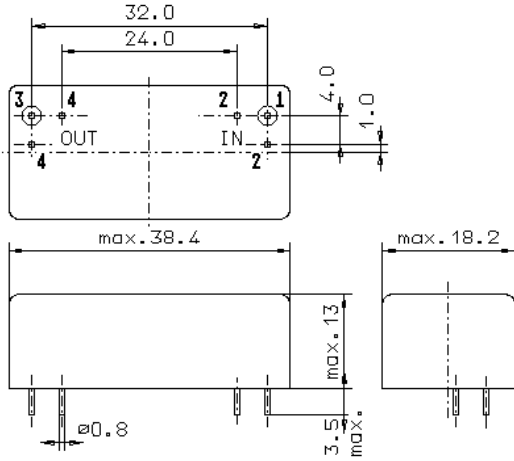
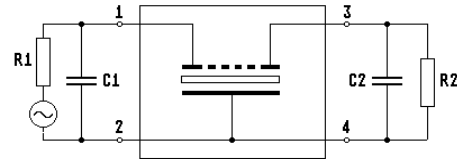


1. General

1.1. Package:



GM17



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 70.0-1500/02 |
| 1.3. Number of poles: | 4 |
| 1.4. Operable temperature range: | -40°C to +80°C |
| 1.5. Operating temperature range: | -20°C to +70°C |
| 1.6. Storage temperature range: | -55°C to +105°C |

2. Electric values

- | | |
|---|---|
| 2.1. Nominal centre frequency fo: | 70.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_0 \pm 7.5$ kHz |
| 2.2.2. Ripple: | ≤ 1.0 dB at $f_0 \pm 6.0$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 6.0 dB |
| 2.3. Stop band | |
| 2.3.1. $f_0 \pm 30$ kHz | ≥ 40 dB |
| 2.3.2. $f_0 \pm 100$ kHz | ≥ 70 dB |
| 2.3.3. Spurious responses: | ≥ 40 dB |
| 2.4. Terminating impedance (input and output): | $50 \Omega \pm 10\%$ // 0 pF |
| 2.5. Intermodulation | |
| frequency 1 / 2: | 69.90 MHz / 69.95 MHz |
| frequency 3 / 4: | 70.05 MHz / 70.10 MHz |
| input power level: | - 10 dBm |
| IM: | ≥ 90 dB |
| 3. Marking: | manufacturer, date code
MQF 70.0-1500/02 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |

Edited by: _____ date: _____ name: _____