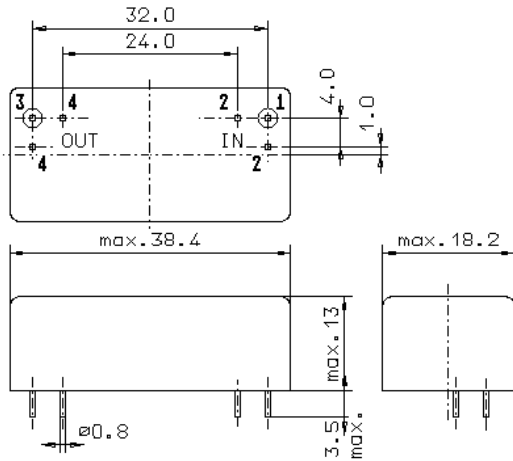
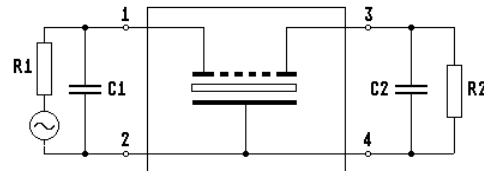


1. General

1.1. Package:



GM17



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 70.0-0660/06 |
| 1.3. Number of poles: | 6 |
| 1.4. Operating temperature range: | -40°C to +75°C |
| 1.5. Storage temperature range: | -55°C to +85°C |

2. Electric values

- | | |
|---|---|
| 2.1. Nominal centre frequency fo: | 70.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 2 dB - frequencies: | $\geq f_0 \pm 3.3$ kHz |
| 2.2.2. Ripple: | ≤ 2.0 dB at $f_0 \pm 3.3$ kHz |
| 2.2.3. Group delay distortion at +20°C: | ≤ 80 μ s at $f_0 \pm 3.3$ kHz |
| 2.2.4. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 5.0 dB |
| 2.3. Stop band | |
| 2.3.1. $f_0 \pm 17.3$ kHz | ≥ 65 dB |
| 2.3.2. $f_0 \pm 17.3$ kHz..... ± 1.0 MHz | ≥ 65 dB (except spurious) |
| 2.4. Terminating impedance (input and output): | 50 Ω // 0 pF |
| 5.1. Intermodulation | |
| frequency 1: | $f_0 \pm 50$ kHz |
| frequency 2: | $f_0 \pm 100$ kHz |
| input power level: | 0 dBm |
| IM: | ≥ 64 dB |
| 3. Marking: | manufacturer, date code
MQF 70.0-0660/06 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |