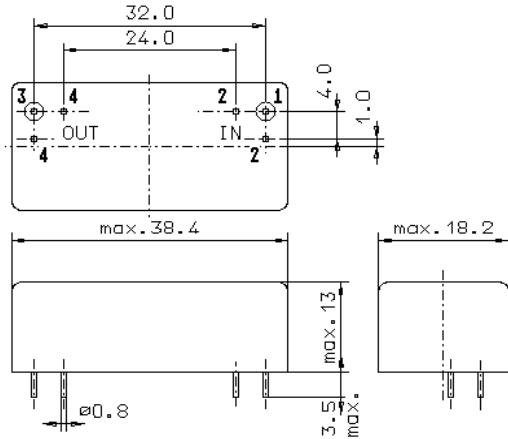
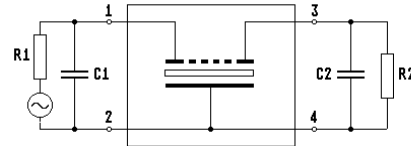


1. General

1.1. Package:



GM17



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 70.0-1500/03 |
| 1.3. Number of poles: | 6 |
| 1.4. Operable temperature range: | -30°C to +80°C |
| 1.5. Operating temperature range: | -25°C to +70°C |
| 1.6. Storage temperature range: | -55°C to +80°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: | ≥ fo ± 7.5 kHz |
| 2.2.2. Ripple: | ≤ 2.0 dB at fo ± 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. fo ± 30 kHz | ≥ 60 dB |
| 2.3.2. fo ± 100 kHz.....± 5000 kHz | ≥ 70 dB |
| 2.3.3. Spurious responses: | ≥ 40 dB |

- | | |
|--|--------------|
| 2.4. Terminating impedance (input and output): | 50 Ω // 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 70.0-1500/03 |
|-------------|---|

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