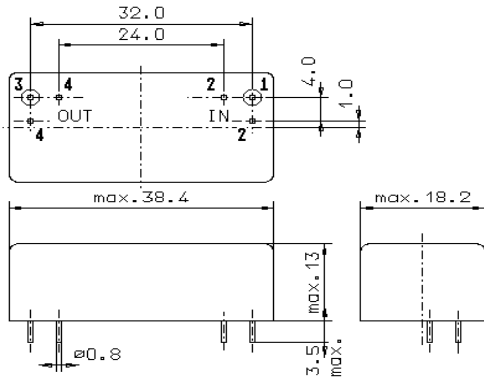
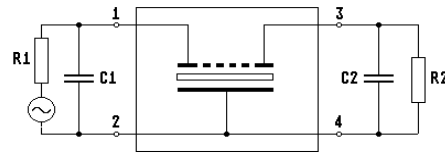


1. General

1.1. Package:



GM17



- 1.2. Type name: MQF 70.7-1200/03
- 1.3. Number of poles: 6
- 1.4. Operating temperature range: +20°C to +60°C
- 1.5. Storage temperature range: -20°C to +70°C

2. Electric values

- 2.1. Nominal centre frequency fo: 70.7 MHz
- 2.2. **Pass band**
 - 2.2.1 Centre frequency fc: 70.7 MHz ± 1500 Hz
 - 2.2.2. Bandwidth between 3 dB - frequencies: 12 kHz ± 300 Hz at 25°C
 - 2.2.3. Ripple: < 2.0 dB at fc ± 3.5 kHz
 - 2.2.4. Insertion loss: < 5.0 dB
(measured on smallest attenuation in pass band)
- 2.3. **Stop band**
 - 2.3.1. fc ± 19 kHz > 60 dB
 - 2.3.2. Alternate attenuation > 60 dB (except spurious)
- 2.4. Terminating impedance (input and output): 50 Ω // 0 pF
- 2.5. Nominal Input power level 0 dBm
 - 2.5.1. Maximum Input power level + 10 dBm
 - 2.5.3 In band Intermodulation test tones:
 - fo +4 kHz / -4 kHz IM at 70.712 MHz / 70.688 MHz > 60 dB
 - fo +4 kHz / +2 kHz IM at 70.700 MHz > 50 dB
 - fo -4 kHz / -2 kHz IM at 70.700 MHz > 50 dB
 - Input power level -10 dBm

3. Marking: MQF 70.7-1200/03, date code
OEM marking on demand

4. Environment conditions: Corresponding to Vectron standard CF001