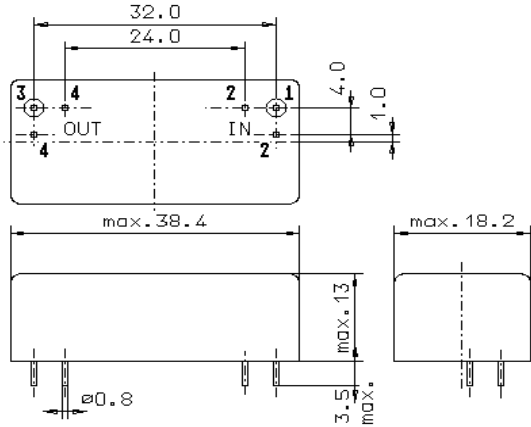
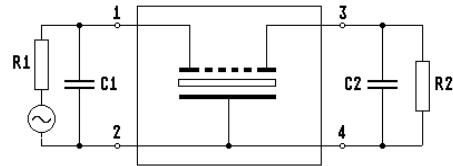


1. General

1.1. Package:



GM17



- | | |
|-----------------------------------|--------------------|
| 1.2. Type name: | QF 10.6966-0050/02 |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -40°C to +85°C |

2. Electric values

- | | |
|-----------------------------------|-------------|
| 2.1. Nominal centre frequency fo: | 10.6966 MHz |
|-----------------------------------|-------------|

2.2. Pass band

- | | |
|---|-------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | > fo ± 250 Hz |
| 2.2.2. Ripple: | < 1.0 dB (peak to peak) |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | < 2.5 dB |

2.3. Stop band

- | | |
|------------------------------|-----------------------------|
| 2.3.1. fo ± 5 kHz | > 60 dB |
| 2.3.2. Alternate attenuation | > 80 dB (except spurious) |

- | | |
|--|---------------|
| 2.4. Terminating impedance (input and output): | 100 Ω // 0 pF |
|--|---------------|

- | | |
|---------------------------------|-------------------------------------|
| 2.5. Maximum input power level: | +10 / +20 (working / non-damaged) |
|---------------------------------|-------------------------------------|

- | | |
|--------------------------------------|---|
| 2.6. Intermodulation: | |
| frequency 1: | 10.6956 Mhz |
| frequency 2: | 10.6976 MHz |
| input power level at pin 1(input): | 0 dBm |
| IM (IP3 > +33 dBm): | > 66 dB (referred to input power level) |

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
QF 10.6966-0050/02 |
|-------------|---|

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