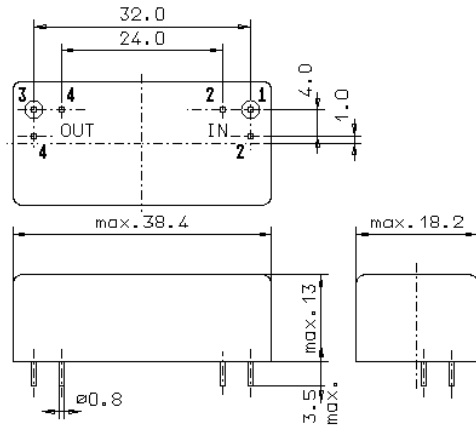


Specification for LC band pass filter:

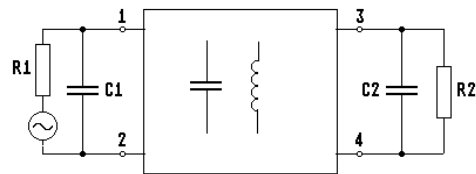
LC 21.4-8 0000/04V1

1. General

1.1. Package:



GM17



- 1.2. Type name: LC 21.4-80000/04V1
 1.3. Number of poles: 4
 1.4. Operating temperature range: -20°C to 70°C

2. Electric values

- 2.1. Nominal centre frequency f_0 : 21.4 MHz

2.2. Pass band

- 2.2.1. Bandwidth between 3 dB - frequencies: $\geq f_0 \pm 400$ kHz
 2.2.2. Ripple: ≤ 1.5 dB at $f_0 \pm 200$ kHz
 2.2.3. Insertion loss: ≤ 8.0 dB

2.3. Stop band

- 2.3.1. $f_0 + 2.0$ MHz: ≥ 45 dB
 2.3.2. $f_0 - 2.4$ MHz: ≥ 45 dB
 2.3.3. $f_0 + 3.0$ MHz: ≥ 60 dB
 2.3.4. $f_0 - 3.8$ MHz: ≥ 60 dB
 2.3.5. Alternate attenuation: ≥ 60 dB

- 2.4. Terminating impedance (input and output): $50 \Omega // 0$ pF

- 2.5. Intermodulation
 frequency 1: $f_0 + 200$ kHz
 frequency 2: $f_0 - 200$ kHz
 input power level : 0 dBm
 IM: ≥ 67 dB

3. Marking: manufacturer, date code
 LC 21.4-80000/04V1

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: _____ date: _____ name: _____