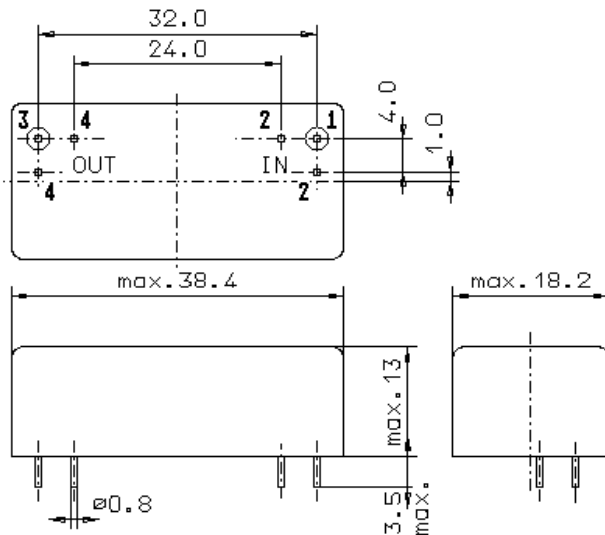


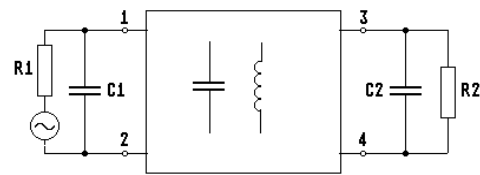
Specification for LC band pass filter: **LC 10.7-7 0000/07**

1. General

1.1. Package:



GM17



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | LC 10.7-70000/07 |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -40°C to +85°C |
| 1.5. Storage temperature range: | -55°C to +85°C |

2. Electric values

- | | |
|---------------------------------------|----------|
| 2.1. Nominal centre frequency f_0 : | 10.7 MHz |
|---------------------------------------|----------|

2.2. Pass band

- | | |
|--|------------------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_0 \pm 350$ kHz |
| 2.2.2. Ripple: | ≤ 1.0 dB at $f_0 \pm 220$ kHz |
| 2.2.3. Insertion loss: | ≤ 8.0 dB |

2.3. Stop band

- | | |
|-------------------------------|--------------|
| 2.3.1. $f_0 \pm 1.8$ MHz | ≥ 40 dB |
| 2.3.2. $f_0 \pm 3.1$ MHz | ≥ 60 dB |
| 2.3.3. Alternate attenuation: | ≥ 70 dB |

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

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
LC 10.7-70000/07 |
|-------------|---|

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

Edited by: _____ date: _____ name: _____