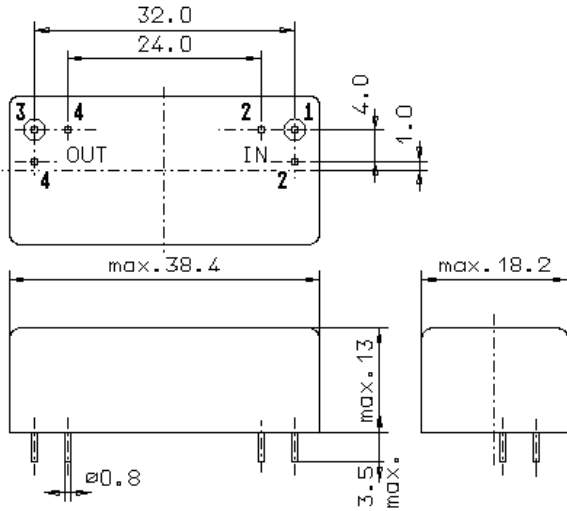


Specification for LC band pass filter:

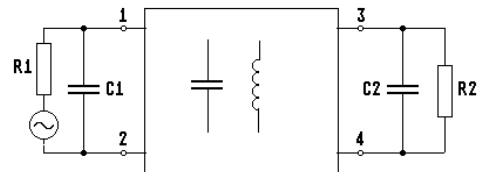
LC 21.4-1.0/04

1. General

1.1. Package:



GM17



- | | |
|-----------------------------------|----------------|
| 1.2. Type name: | LC 21.4-1.0/04 |
| 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 : | 21.4 MHz |
|---------------------------------------|----------|

2.2. Pass band

- | | |
|---|--------------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_0 \pm 500$ kHz |
| 2.2.2. Ripple: | ≤ 1.5 dB peak to peak |
| 2.2.3. Insertion loss at -40°C.....+25°C:
in operating temperature range | ≤ 4.0 dB
≤ 5.5 dB |

2.3. Stop band

- | | |
|-------------------------------|--------------|
| 2.3.1. $f_0 \pm 4.5$ MHz | ≥ 60 dB |
| 2.3.2. Alternate attenuation: | ≥ 80 dB |

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

- | | |
|---------------------------------|---------|
| 2.5. Maximum input power level: | +25 dBm |
|---------------------------------|---------|

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
LC 21.4-1.0/04 |
|-------------|---|

Edited by: _____ date: _____ name: _____