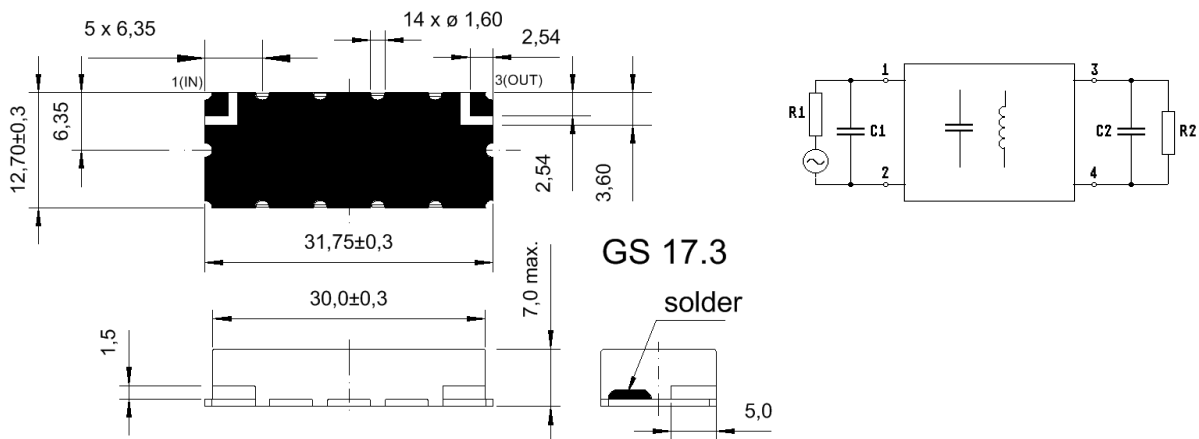


Specification for LC filter:

LC 59.0-58.0/08

1. General

1.1. Package:



- | | |
|-----------------------------------|-----------------|
| 1.2. Type name: | LC 59.0-58.0/08 |
| 1.3. Number of poles: | 6 |
| 1.4. Operating temperature range: | -40°C to +85°C |
| 1.5. Storage temperature range: | -45°C to +105°C |

2. Electric values

- | | |
|---|---|
| 2.1. Nominal centre frequency f_0 : | 59.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3.5 dB - frequencies: | $> f_0 \pm 35.0$ MHz |
| 2.2.2. Ripple at $f_0 \pm 29.0$ MHz | < 2.0 dB peak to peak |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | < 1.0 dB |
| 2.3. Stop band | |
| 2.3.1. at 10.0 MHz | > 58 dB |
| 2.3.2. at 104.0 MHz | > 6.5 dB |
| 2.3.3. at 124.0 MHz | > 19.5 dB |
| 2.4. Terminating impedance (input and output): | $50 \Omega // 0$ pF |
| 2.5. Maximum input power level: | +10 dBm / +20 dBm (working / non-damaged) |
| 3. Marking on the package: | manufacturer, date code
LC 59.0-58.0/08 |
| 4. Environment conditions: | Corresponding to Telefilter CF001 |

Edited by: _____ date: _____ name: _____