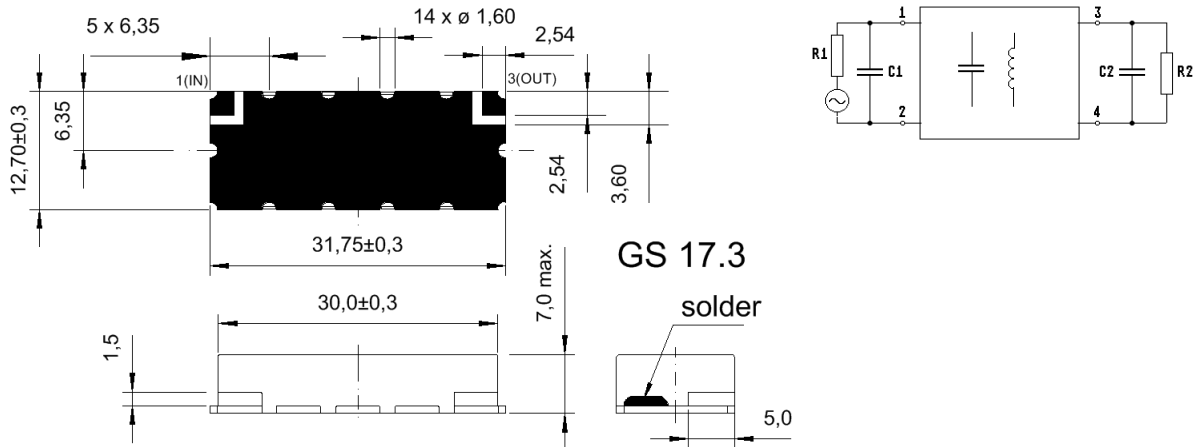


Specification for LC filter:

**LC 59.0-58.0/08**

**1. General**

1.1. Package:



**GS 17.3**

solder

- |                                   |                 |
|-----------------------------------|-----------------|
| 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 fo:   | 59.0 MHz                                    |
| 2.2. <b>Pass band</b>   |   |
| 2.2.1. Bandwidth between 3.5 dB - frequencies:                              | > fo ± 35.0 MHz                             |
| 2.2.2. Ripple at fo ± 29.0 MHz  | < 2.0 dB peak to peak                       |
| 2.2.3. Insertion loss:<br>( measured on smallest attenuation in pass band ) | < 1.0 dB                                    |
| 2.3. <b>Stop band</b>   |   |
| 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 Ω // 0 pF                                |
| 2.5. Maximum input power level:   | +10 dBm / +20 dBm ( working / non-damaged ) |
| 3. Marking:   | manufacturer, date code<br>LC 59.0-58.0/08  |
| 4. Environment conditions:  | Corresponding to Vectron standard CF001     |

Edited by: \_\_\_\_\_ date: \_\_\_\_\_ name: \_\_\_\_\_