Specification for LC band pass filter: **LC 10.7-70000/07**

1. **General**
   1.1. Package:

   ![Diagram of the package](image)

   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 fo: 10.7 MHz

2.2. **Pass band**

   2.2.1. Bandwidth between 3 dB - frequencies: \(\geq f_o \pm 350\ kHz\)
   2.2.2. Ripple: \(\leq 1.0\ dB \text{ at } f_o \pm 220\ kHz\)
   2.2.3. Insertion loss: \(\leq 8.0\ dB\)

2.3. **Stop band**

   2.3.1. \(f_o \pm 1.8\ MHz\) \(\geq 40\ dB\)
   2.3.2. \(f_o \pm 3.1\ MHz\) \(\geq 60\ dB\)
   2.3.3. Alternate attenuation: \(\geq 70\ dB\)

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

3. **Marking:**

   Manufacturer, date code
   LC 10.7-70000/07

4. **Environment conditions:**

   Corresponding to Vectron standard CF001

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Edited by: 

date: __________________________ name: __________________________