Specification for monolithic crystal filter: **MQF 10.7-5000/03**

1. General
   1.1. Package:

   ![Image of filter package]

1.2. Type name: MQF 10.7-5000/03
1.3. Number of poles: 6
1.4. Operating temperature range: -20°C to +70°C
1.5. Storage temperature range: -35°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: \( \geq fo \pm 25 \text{ kHz} \)
      2.2.2. Ripple: \( \leq 2.0 \text{ dB at } fo \pm 20 \text{ kHz} \)
      2.2.3. Insertion loss: \( \leq 3.5 \text{ dB} \)
          (measured on smallest attenuation in pass band)
   
   2.3. **Stop band**
      2.3.1. \( fo + 62.5 \text{ kHz} \) \( \geq 60 \text{ dB (except spurious)} \)
      2.3.2. \( fo - 62.5 \text{ kHz} \) \( \geq 57 \text{ dB} \)
      2.3.3. Alternate attenuation: \( \geq 80 \text{ dB (except spurious)} \)
   
   2.4. Terminating impedance (input and output): 50 \( \Omega \) // 0 pF

3. Marking:
   - manufacturer, date code
   - MQF 10.7-5000/03

4. Environment conditions:
   - Corresponding to Vectron standard CF001

Edited by: ____________________________  name: _______________________________