Specification for monolithic crystal filter: **MQF 10.7-1000/13**

1. General
1.1. Package:

1.2. Type name: MQF 10.7-1000/13
1.3. Number of poles: 6
1.4. Operating temperature range: 0°C to +70°C
1.5. Storage temperature range: -45°C to +85°C

2. Electric values
2.1. Nominal centre frequency \( f_0 \): 10.7 MHz
2.2. Pass band
   2.2.1. Bandwidth between 3 dB - frequencies: \( \geq f_0 \pm 5.0 \text{ kHz} \)
   2.2.2. Ripple ( at \( f_0 \pm 3.0 \text{ kHz} \)): \(< 2.0 \text{ dB} \)
   2.2.3. Insertion loss: \(< 3.0 \text{ dB} \)
      (measured on smallest attenuation in pass band)
2.3. Stop band
   2.3.1. \( f_0 \pm 15 \text{ kHz} \): \( > 60 \text{ dB} \)
   2.3.2. Alternate attenuation: \( > 60 \text{ dB} \)
2.4. Terminating impedance (input and output): 50 \( \Omega \) // 0 pF
2.5. VSWR: \(< 2.0 : 1 \) (return loss > 9.55 dB)

3. Marking: manufacturer, date code MQF 10.7-1000/13

4. Environment conditions: Corresponding to Vectron CF001

---

Edited by: ____________________________ name: ________________________________