Specification for monolithic crystal filter: **MQF 21.4-0750/04**

1. **General**
   1.1. Package:
   
   ![Diagrams of package configuration]

   1.2. Type name: MQF 21.4-0750/04
   1.3. Number of poles: 8
   1.4. Operable temperature range: -30°C to +80°C
   1.5. Operating temperature range: -25°C to +70°C
   1.6. Storage temperature range: -55°C to +80°C

2. **Electric values**

   2.1. Nominal centre frequency \( f_0 \): 21.4 MHz

2.2. **Pass band**

   2.2.1. Bandwidth between 3 dB - frequencies: \( \geq f_0 \pm 3.75 \text{ kHz} \)
   2.2.2. Ripple: \( \leq 2.0 \text{ dB at } f_0 \pm 3.0 \text{ kHz} \)
   2.2.3. Insertion loss: \( \leq 4.0 \text{ dB} \)

      (measured on smallest attenuation in pass band)

2.3. **Stop band**

   2.3.1. \( f_0 \pm 9.0 \text{ kHz} \) \( \geq 65 \text{ dB} \)
   2.3.2. \( f_0 \pm 12.5 \text{ kHz} \) \( \geq 90 \text{ dB} \)

2.4. Terminating impedance (input and output): 1600Ω // 1.0 pF

3. Marking: manufacturer, date code MQF 21.4-0750/04

4. Environment conditions: Corresponding to Vectron CF001

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Edited by: _____________________________

Date: ______________________________

Name: _____________________________