Specification for monolithic crystal filter: **MQF 21.4-1500/71**

1. **General**
   1.1. **Package:**

   ![Package Diagram]

   **GV2.1**

2. **Electric values**

   2.1. **Nominal centre frequency fo:**

   fo: 21.4 MHz

2.2. **Pass band**

   2.2.1. **Bandwidth between 3 dB - frequencies:**

   fo ± 7.5 kHz

   2.2.2. **Ripple:**

   ≤ 2.0 dB at fo ± 6.0 kHz

   2.2.3. **Insertion loss:**

   ≤ 2.5 dB

   (measured on smallest attenuation in pass band)

2.3. **Stop band**

   2.3.1. **fo ± 17.5 kHz**

   2.3.2. **fo ± 25 kHz.........± 300 kHz**

   ≥ 45 dB

   ≥ 65 dB

2.4. **Terminating impedance (input and output):**

   1500 Ω // 2.0 pF

3. **Marking:**

   - Manufacturer, date code
   - MQF 21.4-1500/71
   - Input marked with color dot

4. **Intermodulation**

   - Frequency 1: 21.425 MHz / 21.450 MHz
   - Frequency 2: 21.350 MHz / 21.375 MHz
   - Input power: -20 dBm
   - IM: > 85 dB

5. **Environment conditions:**

   Corresponding to Vectron standard CF001

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Edited by: ___________________________ name: ___________________________