Specification for monolithic crystal filter: **MQF 21.4-0750/23**

1. **General**
   1.1. **Package:**
   1.2. **Type name:** MQF 21.4-0750/23
   1.3. **Number of poles:** 8
   1.4. **Operating temperature range:** -20°C to +70°C
   1.5. **Storage temperature range:** -40°C to +85°C

2. **Electric values**

   2.1. **Nominal centre frequency fo:** 21.4 MHz

   2.2. **Pass band**
   
   2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 3.75 kHz
   2.2.2. Ripple: < 2.0 dB at fo ± 3 kHz
   2.2.3. Insertion loss: < 5.0 dB (measured on smallest attenuation in pass band)

2.3. **Stop band**

   2.3.1. fo ± 9.5 kHz > 60 dB
   2.3.2. fo ± 13.5 kHz > 90 dB
   2.3.3. Alternate attenuation: > 90 dB (except spurious)

2.4. **Terminating impedance (input and output):** 910 Ω // 15 pF

2.5. **Maximum input power level:** +10 / +20 (working / non-damaged)

3. **Marking:**
   - Manufacturer, date code
   - MQF 21.4-0750/23

4. **Environment conditions:**
   - Corresponding to Vectron standard CF001

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Edited by: ____________________________  name: _______________________________