Specification for monolithic crystal filter: **MQF 21.4-0750/14**

1. General
   1.1. Package:

   ![Diagrams of the package](image)

   1.2. Type name: MQF 21.4-0750/14
   1.3. Number of poles: 8
   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: 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 ± 3.0 kHz

2.2.3. Insertion loss: ≤ 4.0 dB (measured on smallest attenuation in pass band)

2.3. Stop band

2.3.1. fo ± 9.0 kHz: ≥ 65 dB

2.3.2. fo ± 12.5 kHz: ≥ 90 dB

2.3.3. Alternate attenuation fo ± 125...1000 kHz: ≥ 80 dB

2.4. Terminating impedance (input and output): 850 Ω // 5.0 pF

3. Marking:

   Manufacturer, date code

   21.4-0750/14

4. Environment conditions:

   Corresponding to Vectron standard CF001

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