Specification for monolithic crystal filter:   **MQF 21.4-0750/25**

1. General
1.1. Package:

1.2. Type name: MQF 21.4-0750/25
1.3. Number of poles: 2
1.4. Operable temperature range: -40°C to +80°C
1.5. Operating temperature range: -20°C to +70°C
1.6. Storage temperature range: -55°C to +105°C

2. Electric values
2.1. Nominal centre frequency **f₀**: 21.4 MHz
2.2. Pass band
   2.2.1. Bandwidth between 3 dB - frequencies: ≥ f₀ ± 3.75 kHz
   2.2.2. Ripple (at f₀ ± 2.0 kHz): ≤ 1.0 dB
   2.2.3. Insertion loss: ≤ 1.5 dB
      (measured on smallest attenuation in pass band)
2.3. Stop band
   2.3.1. f₀ ± 12.5 kHz: ≥ 15 dB
   2.3.2. f₀ ± 30 kHz: ≥ 30 dB
   2.3.3. f₀ ± 100 kHz........500 kHz: ≥ 40 dB
   2.3.4. Spurious responses: ≥ 15 dB
2.4. Terminating impedance **R//C** (input and output): 850 Ω // 6.0 pF

3. Marking: manufacturer, date code
            21.4-0750/25

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: ____________________________  name: _________________________________