Specification for monolithic crystal filter: M Q F 2 1 . 4 - 5 0 0 0 / 1 1

1. General
1.1. Package:

1.2. Type name: MQF 21.4-5000/11
1.3. Number of poles: 8
1.4. Operating temperature range: -40°C to +90°C
1.5. Storage temperature range: -55°C to +110°C

2. Electric values
2.1. Nominal centre frequency fo: 21.4 MHz
2.2. Pass band
2.2.1. Centre frequency fc: 21.4 MHz ± 1.0 kHz at 25°C
21.4 MHz ± 1.5 kHz at -40°C to +90°C
2.2.2. Bandwidth between 6 dB - frequencies: ≥ fo ± 25 kHz
2.2.3. Ripple:
   3.0 dB at fo ± 23 kHz
   2.0 dB at fo ± 20 kHz
2.2.4. Insertion loss:
   ≤ 4.0 dB
   (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. fo ± 50 kHz ≥ 60 dB
2.3.2. fo ± 80 kHz ≥ 80 dB
2.3.3. fo ± 80 kHz ...... ± 5 MHz ≥ 80 dB (except spurious)

2.4. Terminating impedance (input and output): 50 Ω // 0 pF

3. Marking: manufacturer, date code
   MQF 21.4-5000/11

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: _____________________________ date: _____________________________ name: _____________________________