Specification for monolithic crystal filter: M Q F 2 1 . 4 - 1 0 0 0 / 0 7

1. General
1.1. Package:

1.2. Type name: MQF 21.4-1000/07
1.3. Number of poles: 8
1.4. Operating temperature range: -30°C to +70°C
1.5. Storage temperature range: -55°C to +105°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 ± 600 Hz
2.2.2. Bandwidth between 3 dB - frequencies: ≥ fc ± 4.9 kHz
       ≤ fc ± 5.5 kHz
2.2.3. Ripple: ≤ 1.0 dB at fc ± 4.0 kHz
2.2.4. Insertion loss: ≤ 4.0 dB
       (measured on smallest attenuation in pass band)

2.3. Stop band

2.3.1. fc ± 10 kHz ≥ 60 dB
2.3.2. fc ± 200 kHz ≥ 70 dB
2.3.3. Spurious responses: ≥ 70 dB

2.4. Terminating impedance (input and output): 50 Ω ± 10% // 0 pF

3. Marking: manufacturer, date code

MQF 21.4-1000/07
4002D128

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: ____________________________ name: ________________________________