Specification for monolithic crystal filter: M Q F 2 1 . 4 - 3 0 0 0 / 2 0

1. General
1.1. Package:

1.2. Type name: MQF 21.4-3000/20
1.3. Number of poles: 6
1.4. Operating temperature range: -30°C to +85°C
1.5. Storage temperature range: -55°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 ± 15 kHz
2.2.2. Ripple: ≤ 2.0 dB at fo ± 12 kHz
2.2.3. Insertion loss: ≤ 3.0 dB
( measured on smallest attenuation in pass band )

2.3. Stop band
2.3.1. fo ± 45 kHz ≥ 60 dB
2.3.2. fo ± 100 kHz ≥ 80 dB ( except spurious )

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

3. Marking: manufacturer, date code MQF 21.4-3000/20

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ____________________________  date: ____________________________  name: ____________________________