Specification for monolithic crystal filter: MQF 21.4-1200/21

1. General
1.1. Package:

1.2. Type name: MQF 21.4-1200/21
1.3. Number of poles: 8
1.4. Operable temperature range: -30°C to +80°C
1.5. Operating temperature range: -25°C to +70°C
1.6. Storage temperature range: -55°C to +80°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 ± 6.0 kHz
2.2.2. Ripple: ≤ 1.0 dB at fo ± 4.5 kHz
2.2.3. Insertion loss: ≤ 3.5 dB
( measured on smallest attenuation in pass band )

2.3. Stop band
2.3.1. fo ± 14 kHz ≥ 65 dB
2.3.2. fo ± 20 kHz ≥ 90 dB
2.3.3. fo ± 20 kHz.......± 500 kHz ≥ 90 dB

2.4. Terminating impedance ( input and output ): 1200 Ω // 2.5 pF

3. Marking:

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ____________________________  name: ________________________________