Specification for monolithic crystal filter: MQF 21.4-1800/10

1. General
1.1. Package:

1.2. Type name: MQF 21.4-1800/10
1.3. Number of poles: 2
1.4. Operating temperature range: -20°C to +70°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 ± 9.0 kHz
2.2.2. Ripple: ≤ 1.0 dB at fo ± 5.0 kHz
2.2.3. Insertion loss: (measured on smallest attenuation in pass band) ≤ 2.0 dB

2.3. Stop band
2.3.1. fo ± 26 kHz……± 450 kHz ≥ 15 dB (except spurious)
2.3.2. fo ± 450 kHz ≥ 30 dB

2.4. Terminating impedance R//C (input and output): 2500 Ω // 2.0 pF

3. Marking: manufacturer, date code 21.4-1800/10

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: ______________________________ date: ______________________________ name: _____________________________