Specification for monolithic crystal filter: MQF 21.4-2200/09

1. General
1.1. Package:

GM 29

1.2. Type name: MQF 21.4-2200/09
1.3. Number of poles: 8
1.4. Operating temperature range: -40°C to + 90°C
1.5. Operable temperature range: -55°C to +110°C
1.6. 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. Bandwidth between 6 dB - frequencies: ≥ fo ± 11.0 kHz
2.2.2. Change of bandwidth: ≤ 1 kHz ( in operable temperature range )
2.2.3. Ripple: ≤ 2.0 dB at fo ± 8.8 kHz
2.2.4. Ripple: ≤ 3.0 dB at fo ± 10.0 kHz
2.2.5. Insertion loss: ≤ 4.0 dB
( measured on smallest attenuation in pass band )

2.3. Stop band
2.3.1. fo ± 22 kHz ≥ 60 dB
2.3.2. fo ± 50 kHz........... ± 5000 kHz > 80 dB

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

3. Marking: manufacturer, date code MQF 21.4-2200/09

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ___________________________ date: ___________________________ name: ___________________________