Specification for monolithic crystal filter: MQF 21.4-1700/10

1. General
1.1. Package:

1.2. Type name: MQF 21.4-1700/10
1.3. Number of poles: 8
1.4. Operating temperature range: -20°C to +70°C
1.5. Storage temperature range: -35°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: $\geq fo \pm 8.5$ kHz
2.2.2. Ripple: $\leq 2.0$ dB at $fo \pm 7$ kHz
2.2.3. Insertion loss: $\leq 3.0$ dB (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. $fo \pm 18.5$ kHz $\geq 60$ dB
2.3.2. $fo \pm 25$ kHz $\geq 70$ dB
2.3.3. $fo \pm 30$ kHz........ $\pm 5000$ kHz $\geq 90$ dB (except spurious)

2.4. Terminating impedance (input and output): 1800 Ω // 1.0 pF

3. Marking: manufacturer, date code 21.4-1700/10

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: _____________________________ date: _____________________________ name: _____________________________