Specification for monolithic crystal filter: MQF 21.4-1600/04

1. General

1.1. Package:

1.2. Type name: MQF 21.4-1600/04

1.3. Number of poles: 8

1.4. Operating temperature range: -20°C to +70°C

1.5. Storage temperature range: -55°C to +105°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 ± 8.0 kHz

2.2.2. Ripple: ≤ 2.0 dB at fo ± 6.0 kHz

2.2.3. Insertion loss:
≤ 3.5 dB
(measured on smallest attenuation in pass band)

2.3. Stop band

2.3.1. fo ± 17.5 kHz ≥ 70 dB

2.3.2. fo ± 25 kHz ≥ 90 dB

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

3. Marking:

manufacturer, date code
21.4-1600/04

4. Environment conditions:

Corresponding to Vectron standard CF001

Edited by: ____________________________ name: _______________________________