Specification for monolithic crystal filter: 

**MQF 21.4 - 3000/08**

1. General

1.1. Package:

1.2. Type name: MQF 21.4-3000/08

1.3. Number of poles: 8

1.4. Operable temperature range: -40°C to +85°C

1.5. Operating temperature range: -35°C to +80°C

1.6. 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 3 dB frequencies: \( \geq fo \pm 15 \text{ kHz} \)

2.2.2. Ripple (at -10°C.............+80°C): \( \leq 1.0 \text{ dB at fo} \pm 10 \text{ kHz} \)

2.2.3. Insertion loss: \( \leq 4.0 \text{ dB} \)

( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. \( fo \pm 35 \text{ kHz} \) \( \geq 65 \text{ dB} \)

2.3.2. \( fo \pm 50 \text{ kHz} \) \( \geq 80 \text{ dB} \)

2.4. Terminating impedance (input and output): \( 470 \Omega // 15 \text{ pF} \)

3. Marking: manufacturer, date code

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4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ____________________________ date: ____________________________ name: ____________________________