Specification for monolithic crystal filter: **MQF 21.4-1500/04**

1. General

1.1. Package:

1.2. Type name: MQF 21.4-1500/04

1.3. Number of poles: 8

1.4. Operable temperature range: -30°C to +80°C

1.5. Operating temperature range: -25°C to +70°C

1.6. Storage temperature range: -55°C to +80°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: \( \geq fo \pm 7.5 \text{ kHz} \)

2.2.2. Ripple: \( \leq 2.0 \text{ dB at } fo \pm 6.0 \text{ kHz} \)

2.2.3. Insertion loss: \( \leq 3.0 \text{ dB} \)

( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. \( fo \pm 17.5 \text{ kHz} \) \( \geq 65 \text{ dB} \)

2.3.2. \( fo \pm 25 \text{ kHz} \ldots \pm 300 \text{ kHz} \) \( \geq 90 \text{ dB} \)

2.4. Terminating impedance (input and output): 1600 \( \Omega \) // 1.5 pF

3. Marking:

4. Environment conditions:

 Corresponding to Vectron standard CF001

Edited by: ___________________________ name: ___________________________