Specification for monolithic crystal filter: M Q F 1 0 . 0 - 2 0 0 0 / 0 4

1. General
1.1. Package:

1.2. Type name: MQF 10.0-2000/04

1.3. Number of poles: 8

1.4. Operable temperature range: -40°C to +80°C

1.5. Operating temperature range: -40°C to +80°C

1.6. Storage temperature range: -55°C to +105°C

2. Electric values

2.1. Nominal centre frequency fo: 10.0 MHz

2.2. Pass band
2.2.1. Bandwidth between 6 dB - frequencies: \( \geq fo \pm 10.0 \text{ kHz} \)

2.2.2. Ripple: \( \leq 3.0 \text{ dB at } fo \pm 7.0 \text{ kHz} \)

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 ± 15.5 kHz \( \geq 40 \text{ dB} \)

2.3.2. fo ± 25 kHz \( \geq 75 \text{ dB} \)

2.3.3. Alternate attenuation: \( \geq 80 \text{ dB} \)

2.4. Terminating impedance ( input and output ): 9000 Ω ± 10 % // 0 pF ± 2 pF

3. Marking: manufacturer, date code

MQF 10.0-2000/04

4. Environment conditions: Corresponding to Vectron CF001

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Edited by: ___________________________ name: ___________________________