Specification for crystal filter: QF 70.0-8000/02

1. General

1.1. Package:

1.2. Type name: QF 70.0-8000/02

1.3. Number of poles: 2

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

1.5. Storage temperature range: -45°C to +85°C

2. Electric values

2.1. Nominal centre frequency fo: 70.0 MHz

2.2. Pass band

2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 40 kHz

2.2.2. Ripple in the range fo ± 40 kHz: Gaussian

2.2.3. Group delay at fo: < 6 µs

2.2.4. Group delay absolute at fo: 4.5 µs ± 1 µs

2.2.5. Group delay distortion in the range fo ± 40 kHz: < 1 µs

2.2.6. Insertion loss: < 4 dB

( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. fo ± 400 kHz: ≥ 30 dB

2.3.2. Alternate attenuation: ≥ 40 dB ( except spurious )

2.4. Terminating impedance ( input and output ): 50 Ω // 0 pF

3. Marking: manufacturer, date code

QF 70.0-8000/02

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ____________________________ date: ___________ name: ____________________________