Specification for monolithic crystal filter: MQF 10.7-3000/04

1. General

1.1. Package:

1.2. Type name: MQF 10.7-3000/04

1.3. Number of poles: 8

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: 10.7 MHz

2.2. Pass band

2.2.1. Bandwidth between 6 dB - frequencies: ≥ fo ± 15 kHz

2.2.2. Ripple: ≤ 2.0 dB at fo ± 12 kHz

2.2.3. Insertion loss: ≤ 3.0 dB

( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. fo ± 35 kHz ≥ 70 dB

2.3.2. fo ± 50 kHz ≥ 90 dB

2.3.3. fo ± 50 kHz..............± 300 kHz ≥ 90 dB ( except spurious )

2.4. Terminating impedance (input and output): 4000 Ω // -1.8 pF

2.5. Maximum input power level: +10 dBm / +30 dBm (working / non-damaged)

3. Marking: manufacturer, date code 10.7-3000/04

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ___________________________ date: ___________________________ name: ___________________________