Specification for monolithic crystal filter: MQF 10.7-3000/12

1. General
1.1. Package:

1.2. Type name: MQF 10.7-3000/12
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 3 dB - frequencies: ≥ fo ± 15 kHz
2.2.2. Ripple: ≤ 2 dB at fo ± 10.0 kHz
2.2.3. Insertion loss: ≤ 3.5 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........± 500 MHz ≥ 90 dB (except spurious responses)

2.4. Terminating impedance (input and output): 50 Ω // 0 pF
2.5. Maximum input power level: +10 dBm

3. Marking: manufacturer, date code MQF 10.7-3000/12

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: date: ____________________________ name: _________________________________