Specification for monolithic crystal filter

MQF 172.5 - 1200/01

1. General
1.1. Package

1.2. Type name: MQF 172.5 - 1200/01

1.3. Number of poles: 2

1.4. Operating temperature range: -20°C to +70°C

1.5. Storage temperature range: -30°C to +80°C

2. Electric values

2.1. Nominal center frequency fo: 172.5 MHz

2.2. Pass band

2.2.1. Bandwidth between 1 dB - frequencies: ≥ fo ± 6.0 kHz

2.2.2. Ripple: ≤ 1.0 dB at fo ± 6.0 kHz

2.2.3. Insertion loss: (measured on smallest attenuation in pass band) ≤ 3.0 dB

2.3. Stop band

2.3.1. fo ± 50 kHz: ≥ 20 dB (except spurious)

2.3.2. Alternate attenuation: ≥ 30 dB (except spurious)

2.4. Terminating impedance (input and output): 700 Ω // -0.7 pF

3. Marking: manufacturer, date code 172.5-1200/01

4. Environment conditions: Corresponding to Vectron standard CF001

---

Edited by: ___________________________ date: ___________________________ name: ___________________________