Specification for monolithic crystal filter: MQF 50.0 - 8000/06

1. General
1.1. Package:

1.2. Type name: MQF 50.0-8000/06
1.3. Number of poles: 6
1.4. Operating temperature range: -10°C to +60°C
1.5. Storage temperature range: -20°C to +70°C

2. Electric values
2.1. Nominal centre frequency fo: 50.0 MHz

2.2. Pass band
2.2.1. Bandwidth between 1 dB - frequencies: ≥ fo ± 40 kHz
2.2.2. Ripple: ≤ 1.0 dB at fo ± 40 kHz
2.2.3. Insertion loss: (measured on smallest attenuation in pass band) ≤ 4.0 dB

2.3. Stop band
2.3.1. fo ± 70 kHz ≥ 25 dB (except spurious)
2.3.2. fo ± 125 kHz ≥ 60 dB (except spurious)
2.3.3. Alternate attenuation: ≥ 60 dB (except spurious)

2.4. Terminating impedance (input and output): 50 Ω // 0 pF
2.5. Maximum input power level (operating): +6 dBm

3. Marking: manufacturer, date code MQF 50.0-8000/06

4. Environment conditions: Corresponding to Vectron standard CF001