Specification for monolithic crystal filter: MQF 70.0-2000/01

1. General
1.1. Package:

1.2. Type name: MQF 70.0-2000/01
1.3. Number of poles: 2
1.4. Operable temperature range: -25°C to +80°C
1.5. Operating temperature range: -20°C to +70°C
1.6. Storage temperature range: -30°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 ± 10.0 kHz
2.2.2. Ripple: ≤ 1.0 dB at fo ± 7.0 kHz
2.2.3. Insertion loss: ≤ 2.0 dB
( measured on smallest attenuation in pass band )

2.3. Stop band
2.3.1. fo ± 40 kHz ≥ 15 dB ( except spurious )
2.3.2. fo -200 kHz.....-1000 kHz ≥ 40 dB
2.3.3. fo + 500 kHz.....+1000 kHz ≥ 35 dB ( except spurious )

2.4. Terminating impedance ( input and output ): 2500 Ω // -1.5 pF

3. Marking:

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ___________________________ name: ___________________________