Specification for monolithic crystal filter

MQF 45.0-7000/01

1. General
1.1. Package:

1.2. Type name: MQF 45.0-7000/01
1.3. Number of poles: 2
1.4. Operating temperature range: -20°C to +70°C
1.5. Storage temperature range: -45°C to +85°C

2. Electric values
2.1. Nominal centre frequency f₀: 45.0 MHz

2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: > f₀ ± 35 kHz
2.2.2. Ripple: < 1.0 dB at f₀ ± 25 kHz
2.2.3. Insertion loss: < 3.0 dB
   (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. f₀ ± 125 kHz > 20 dB
2.3.2. Alternate attenuation: > 30 dB (except spurious)

2.4. Terminating impedance (input and output): 2400Ω // 0.15 pF
2.5. Maximum input power level: +0 dBm (operating) / +20 dBm (without damage)

3. Marking: M45G1 yyww

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ___________________________ date: ____________ name: ___________________________