Specification for monolithic crystal filter: MQF 75.0 - 3600/09

1. General
1.1. Package:

1.2. Type name: MQF 75.0-3600/09
1.3. Number of poles: 4
1.4. Operating temperature range: -20°C to +85°C
1.5. Storage temperature range: -55°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 75.0 MHz

2.2. Pass band
2.2.1. Centre frequency fo: 75.0 MHz ± 3.75 kHz
2.2.2. Bandwidth between 6 dB - frequencies: > fo ± 18.0 kHz
2.2.3. Ripple: < 2.0 dB at fo ± 10.0 kHz
2.2.4. Insertion loss: < 6.0 dB
  (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. fo ± 200 kHz > 40 dB
2.3.2. fo ± 300 kHz > 60 dB
2.3.3. fo ± 500 kHz .... ± 1.0 MHz > 70 dB (except spurious)
2.3.4. Spurious responses (fo +50 kHz.....+600 kHz) > 50 dB

2.4.1 Input power level (working): -10 dBm
2.4.2 Maximal input power level: +10 dBm

2.5.1 Terminating impedance R//C (input): 50 Ω // 0 pF
2.5.2 Terminating impedance R//C (output): 1000 Ω // 20 pF

3. Marking: manufacturer, date code
MQF 75.0-3600/09

4. Environment conditions: Corresponding to Vectron CF001

Edited by: date:________________________ name:________________________