 Specification for monolithic crystal filter: MQF 21.4-0800/07V0

1. General
1.1. Package:

1.2. Type name: MQF 21.4-0800/07V0
1.3. Number of poles: 6
1.4. Operable temperature range: -20°C to +85°C
1.5. Operating temperature range: -10°C to +70°C
1.6. Storage temperature range: -40°C to +90°C

2. Electric values
2.1. Nominal centre frequency fo: 21.4 MHz

2.2. Pass band
2.2.1. Centre frequency f_c: 21.4 MHz ± 400 Hz
2.2.2. Bandwidth between 3 dB - frequencies: ≥ f_c ± 4.0 kHz
2.2.3. Ripple: ≤ 1.5 dB at f_c ± 3.2 kHz
2.2.4. Insertion loss: ≤ 4.0 dB
   (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. f_c ± 12.0 kHz: ≥ 60 dB
2.3.2. f_c ± 50 kHz........± 5 MHz: ≥ 90 dB

2.4. Terminating impedance (input and output): 50 Ω ± 10 % // 0 pF

2.5 Intermodulation

   IP 3: > 30 dBm
   frequency 1: 21.384 MHz / 21.392 MHz
   frequency 2: 21.408 MHz / 21.416 MHz
   input power: 0 dBm
   IM: > 60 dB

3. Marking: manufacturer, date code
           MQF 21.4-0800/07V0

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ___________________________  name: ___________________________________