Specification for monolithic crystal filter: MQF 21.4-1500/25

1. General
1.1. Package:

1.2. Type name: MQF 21.4-1500/25
1.3. Number of poles: 8
1.4. Operating temperature range: -25°C to +70°C
1.5. Storage temperature range: -35°C to +80°C

2. Electric values
2.1. Nominal centre frequency fo: 21.4 MHz
2.2. Pass band
   2.2.1. Bandwidth between 3 dB - frequencies: ≥ fo ± 7.5 kHz
   2.2.2. Ripple: ≤ 2.0 dB at fo ± 6.0 kHz
   2.2.3. Insertion loss: ≤ 3.0 dB
      (measured on smallest attenuation in pass band)
2.3. Stop band
   2.3.1. fo ± 17.5 kHz ≥ 65 dB
   2.3.2. fo ± 25 kHz........ ± 500 kHz ≥ 90 dB
2.4. Terminating impedance (input and output): 1500 Ω // 2.0 pF
3. Marking: manufacturer, date code 21.4-1500/25
4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ________________ date: ________________ name: ____________________