Specification for monolithic crystal filter: MQF 21.4-0300/07

1. General
1.1. Package: 2 x GH9 (each filter consists of a pair of two matched packages GH9)

1.2. Type name: MQF 21.4-0300/07
1.3. Number of poles: 4
1.4. Operating temperature range: -20°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 ± 1.5 kHz
2.2.2. Ripple: Gaussian
2.2.3. Insertion loss: ≤ 4.0 dB
   (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. fo ± 10 kHz
2.3.2. Alternate attenuation: ≥ 40 dB
2.3.3. Alternate attenuation: ≥ 60 dB (except spurious)

2.4. Terminating impedance R/C (input and output): 800 Ω // 2.2 pF
2.4.1. Coupling capacitance Cc: 40 pF

3. Marking: manufacturer, date code 21.4-0300/07

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ____________________________ name: ____________________________