Specification for monolithic crystal filter: MQF 21.4-4600/08V0

1. General

1.1. Package:

1.2. Type name: MQF 21.4-4600/08V0

1.3. Number of poles: 6

1.4. Operating temperature range: -40°C to +85°C

1.5. Storage temperature range: -55°C to +100°C

2. Electric values

2.1. Nominal centre frequency fo: 21.4 MHz

2.2. Pass band

2.2.1. Centre frequency fc: 21.4 MHz ± 3000 Hz

2.2.2. Bandwidth between 3 dB - frequencies: ≥ fo ± 23 kHz

2.2.3. Ripple: ≤ 2.0 dB at fo ± 18.0 kHz

2.2.4. Insertion loss: ≤ 4.0 dB

( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. fo ± 120 kHz ≥ 70 dB

2.3.2. Alternate attenuation ≥ 70 dB ( except spurious )

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

3. Marking:

VECTRON YYWW
MQF 21.4-4600/08V0

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: ___________________________ date: ___________________________ name: ___________________________