Specification for monolithic crystal filter: MQF 27.0-2400/01

1. General
1.1. Package:

1.2. Type name: MQF 27.0-2400/01
1.3. Number of poles: 2
1.5. Operating temperature range: -40°C to +85°C
1.6. Storage temperature range: -55°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 27.0 MHz

2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 12 kHz
2.2.2. Ripple: < 1.0 dB at fo ± 3 kHz
2.2.3. Insertion loss: < 3.0 dB (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. fo ± 25 kHz > 10 dB
2.3.2. fo ± 40 kHz > 18 dB
2.3.3. Alternate attenuation 20.9…21.1 MHz > 40 dB
2.3.4. Spurious responses > 15 dB

2.4. Terminating impedance (input and output): 1000 Ω // 1.6 pF

2.6. Maximum Input Level: working / non damaged 0 / +15 dBm

3. Marking: M27A
VI date code

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: ___________________________ date: ___________________________ name: ___________________________