Specification for monolithic crystal filter: MQF 20.525-4000/01

1. General
1.1. Package:

1.2. Type name: MQF 20.525-4000/01
1.3. Number of poles: 2
1.4. Operating temperature range: -40°C to +85°C
1.5. Storage temperature range: -55°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 20.525 MHz

2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 20.0 kHz
2.2.2. Ripple at fo ± 14.0 kHz: < 1.0 dB (peak to peak)
2.2.3. Insertion loss: < 2.0 dB
   (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. fo ± 70 kHz: > 15 dB
2.3.2. fo ± 150 kHz: > 30 dB
2.3.3. Alternate attenuation: > 30 dB (except spurious)
2.3.4. Spurious responses fo+150…fo+800 kHz: > 15 dB

2.4. Terminating impedance R//C (input and output): 4800 Ω // - 0.6 pF
2.5. Maximum input power level: +5/+15 (working / non-damaged)

3. Marking: VI date code
   20.525-4000/01

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ___________________________ date: ________________ name: ______________________