Specification for monolithic crystal filter: MQF 10.7-0700/09

1. General
1.1. Package:

1.2. Type name: MQF 10.7-0700/09
1.3. Number of poles: 8
1.4. Operating temperature range: -40°C to +70°C
1.5. Storage temperature range: -45°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 10.7 MHz

2.2. Pass band
2.2.1. Centre frequency fc: 10.7 MHz ± 400 Hz
2.2.2. Bandwidth between 3 dB - frequencies: > fc ± 3.5 kHz
2.2.3. Ripple: < 1.0 dB at fc ± 2.5 kHz
2.2.4. Insertion loss: < 6.0 dB

2.3. Stop band
2.3.1. fc ± 7 kHz > 60 dB
2.3.2. alternate attenuation > 90 dB (except spurious)

2.4. Terminating impedance (input and output): 910 Ω // 25 pF

2.5. Maximum input power level 10 dBm

3. Marking: manufacturer, date code MQF 10.7-0700/09

4. Environment conditions: Corresponding to Vectron CF001

Edited by: ___________________________ date: ___________________________ name: ___________________________