Specification for monolithic crystal filter: MQF 32.768-0800/01

1. General
1.1. Package:

1.2. Type name: MQF 32.768-0800/01
1.3. Number of poles: 2
1.4. Operating temperature range: -20°C to +85°C
1.5. Storage temperature range: -55°C to +125°C

2. Electric values
2.1. Nominal centre frequency fo: 32.768 MHz

2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: > ± 4.0 kHz
2.2.2. Ripple: < 1.0 dB at fo ± 2.0 kHz
2.2.3. Insertion loss: < 2.0 dB
( measured on smallest attenuation in pass band )

2.3. Stop band
2.3.1. fo ± 60 kHz > 40 dB
2.3.2. alternate attenuation 0.06...32.708MHz > 40 dB
32.828...100 MHz > 40 dB (except spurious)

2.4. Terminating impedance R//C ( input and output ): 670 Ω // 6 pF
2.5. Input level working/non-damaged -10 / 0 dBm

3. Marking: M32A1
manufacturer, date code

4. Environment conditions: Corresponding to Vectron standard CF001

5. Filters are Pb-free and 2002/95/EC RoHS compliant

Edited by: ___________________________ date: ___________________________ name: ___________________________