Specification for monolithic crystal filter: **MQF 45.0 - 3000/14**

1. General

1.1. Package:

1.2. Type name: MQF 45.0-3000/14

1.3. Number of poles: 4

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: 45.0 MHz

2.2. Pass band

2.2.1. Bandwidth between 1 dB - frequencies: ≥ fo ± 15 kHz

2.2.2. Ripple: ≤ 0.5 dB at fo ± 10.0 kHz

2.2.3. Insertion loss: ≤ 4.0 dB

( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. fo ± 115 kHz: ≥ 60 dB ( except spurious )

2.3.2. Alternate attenuation: ≥ 70 dB ( except spurious )

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

3. Marking: manufacturer, date code

MQF 45.0-3000/14

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: __________________________ date: __________________________ name: __________________________