Specification for monolithic crystal filter  

**MQF 70.0 - 1500/08**

1. **General**

1.1. Package: 2 x GH 9 (each filter consists of a pair of two matched GH9 packages)

1.2. Type name: MQF 70.0-1500/08

1.3. Number of poles: 4

1.4. Operating temperature range: -20°C to +70°C

1.5. Storage temperature range: -35°C to +85°C

2. **Electric values**

2.1. Nominal centre frequency fo: 70.0 MHz

2.2. **Pass band**

2.2.1. Bandwidth between 3 dB - frequencies: ≥ fo ± 7.5 kHz

2.2.2. Ripple: ≤ 1.0 dB at fo ± 5.0 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 ≥ 35 dB

2.3.2. fo - 910 kHz ≥ 80 dB

2.4. Terminating impedance (input and output): 2000Ω // -1.0 pF

2.4.1. Coupling capacitance Cc: -1.0 pF

3. **Marking:**

manufacturer, date code

70.0-1500/08

4. **Environment conditions:**

Corresponding to Vectron standard CF001

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Edited by: 

date: _____________________________ name: _____________________________