Specification for monolithic crystal filter: **MQF 10.7-1300/08**

1. **General**

1.1. Package:

1.2. Type name: MQF 10.7-1300/08

1.3. Number of poles: 6

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. Bandwidth between 6 dB - frequencies: > fo ± 6.5 kHz

2.2.2. Ripple: < 1.5 dB at fo ± 5.0 kHz

2.2.3. Insertion loss: < 4.0 dB

( measured on smallest attenuation in pass band )

2.3. **Stop band**

2.3.1. fo ± 15.0 kHz: > 40 dB

2.3.2. fo ± 20 kHz: > 60 dB

2.3.3. alternate attenuation fo ± 20 kHz...±300 kHz: > 60 dB

2.4. Terminating impedance (input and output): 900 Ω // 250 pF

3. **Marking:**

manufacturer, date code
10.7-1300/08
or OEM marking

4. **Environment conditions:**

Corresponding to Vectron CF001

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Edited by: ___________________________ name: ___________________________