Specification for monolithic crystal filter: **MQF 10.7-1500/06V0**

1. **General**

1.1. Package:

![Package Diagram]

1.2. Type name: MQF 10.7-1500/06V0

1.3. Number of poles: 8

1.4. Operable temperature range: -30°C to +80°C

1.5. Operating temperature range: -25°C to +70°C

1.6. Storage temperature range: -55°C to +105°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 ± 300 Hz

2.2.2. Bandwidth between 3 dB - frequencies: ≥ fc ± 7.5 kHz ≤ fc ± 8.25 kHz

2.2.3. Ripple: ≤ 1.0 dB at fc ± 6.0 kHz

2.2.4. Insertion loss: ≤ 3.5 dB

( measured on smallest attenuation in pass band )

2.3. **Stop band**

2.3.1. fc ± 17.5 kHz ≥ 70 dB

2.3.2. fc ± 25 kHz....± 500 kHz ≥ 90 dB

2.4. Terminating impedance (input and output): 910 Ω ± 10% // 25 pF ± 5 pF

2.5. Maximum input power: 10 mW

3. **Marking:**

manufacturer, date code

MQF 10.7-1500/06V0

4. **Environment conditions:**

Corresponding to Vectron CF001

---

Edited by: __________________________ _ date: __________________________ _ name: __________________________